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1909/10

UNIVERSITY OF OREGON

MEDICAL DEPARTMENT

PORTLAND, OREGON



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TWENTY-THIRD ANNUAL ANNOUNCEMENT

SESSION 1909-1910

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Samson H. Friendly, Eugene

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TWENTY-THIRD ANNUAL ANNOUNCEMENT
OF THE
MEDICAL DEPARTMENT
OF THE
UNIVERSITY OF OREGON
LOVEJOY AND TWENTY-THIRD STREETS
PORTLAND, OREGON.

SESSION 1909-1910

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UNIVERSITY OF OREGON

THE REGULAR COURSE OF LECTURES WILL COMMENCE
MONDAY, SEPTEMBER 13TH, 1909.
AND CONTINUE UNTIL MAY 2, 1910.

PORTLAND, OREGON,
ANDERSON & DUNIWAY CO., PRINTERS,
1909.

SPECIAL NOTICE

Beginning with the session of 1910-11 the minimum requirements for admission will be increased by the addition to the present requirements of a four years high school education, of one year of nine months to be devoted to physics, chemistry, biology and one modern language (preferably German).

CALENDAR 1909-1910.

Regular course commences..... September 13, 1909
 Fall examinations for removal of medical con-
 ditions commence September 15, 1909
 First semester..... September 13, 1909 to January 12, 1910
 Opening lecture..... September 13, 8 a. m.
 Thanksgiving Day--Holiday to following Monday, November 29, 1909
 Christmas vacation, evening December 23, 1909, to January 3, 1910
 Second semester..... January 13 to May 2, 1910
 Washington's Birthday--Holiday.
 Spring examinations during..... April, 1910
 Commencement..... May 2, 1910

THE UNIVERSITY.

THE University of Oregon comprises the following colleges and schools.

THE GRADUATE SCHOOL.

THE COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS:

- The General Classical Group.
- The General Literary Group.
- The General Scientific Group.
- The Civic Historical Group.
- The Philosophical--Educational Group.
- The School of Commerce.

THE COLLEGE OF SCIENCE AND ENGINEERING:

- The School of Applied Science.
- The Courses Preparatory to Medicine and Dentistry.
- The School of Engineering.

THE SCHOOL OF MUSIC.

THE SCHOOL OF MEDICINE, at Portland.

THE SCHOOL OF LAW, at Portland.

THE GRADUATE SCHOOL.--In each of the colleges there are advanced courses leading to graduate degrees. These courses are open to graduates of any reputable college, upon presentation of diploma, provided the preparation of the candidate is satisfactory to the Graduate Council.

THE COLLEGE OF LITERATURE, SCIENCE AND THE ARTS contains the general groups of studies leading to the degree of Bachelor of Arts. Each group covers four years.

THE SCHOOL OF COMMERCE will offer a four years' course, with special reference to administration of large commercial and manufacturing interests.

THE COLLEGE OF SCIENCE AND ENGINEERING contains the courses in science and engineering that lead to the degrees of Bachelor of Science, and Civil, Mechanical, Electrical, Chemical, and Mining Engineer. These courses cover four and five years.

THE COURSES PREPARATORY TO MEDICINE AND DENTISTRY cover four years and prepare students for the School of Medicine of the University of Oregon and other standard schools. The course enables students to anticipate one year of the course in the School of Medicine.

THE SCHOOL OF MINES AND MINING offers advanced work in mining, especially with reference to the applications of chemistry and electricity to mining.

THE SCHOOL OF MUSIC offers instruction in various branches of instrumental and vocal music and in the theory of music.

THE SCHOOL OF MEDICINE offers a course covering four years; the course in the School of Medicine leads to the degree of Doctor of Medicine.

THE SCHOOL OF LAW offers a three years' course leading to the degree of Bachelor of Laws.

HISTORY AND ORGANIZATION.

The University of Oregon was founded by legislative act in 1872, by which act the University was located at Eugene. Regular instruction began in 1876. Eugene is 123 miles south of Portland, on the Willamette river and at the head of the Willamette valley. It is on the direct line of the Southern Pacific railroad. Eugene is the county seat of Lane County, has a large high school and excellent grammar schools. The School of Medicine and the School of Law are located at Portland.

BUILDINGS AND GROUNDS

The University campus is in the southeastern part of Eugene, and covers twenty-seven acres. It is beautifully situated on rising ground, close by the Willamette river, with both the Cascade and Coast ranges in full view.

The following buildings are located on the University grounds :

DEADY HALL, a three-story brick building, with basement. It contains the biological and physical laboratories. It also has the departments of Latin, Greek, French, German, and English Literature, together with the halls of the literary societies.

VILLARD HALL is an imposing cemented brick building, and contains the offices of the President, the Registrar, the Steward, the Assembly Hall of the University, the very valuable geological collection, and the departments of Rhetoric and English, Early English Literature and Oratory, Economics and Sociology, Geology and Mathematics.

MCCLURE HALL was built in 1900. It is devoted to the departments of Chemistry and Mining, and is admirably adapted to its purpose. It has three floors, with laboratory facilities for 200 students, and contains the latest appliances for research work in all lines of mining and manufacturing chemistry.

THE DORMITORY also contains the general Library, the reading rooms, and music rooms.

COLLIER HALL, the President's House, is situated upon the part of the campus south of Thirteenth Street, and is surrounded by grounds covering nine and one-half acres.

THE UNIVERSITY operates its own electric light and water plants, and gas plant for furnishing gas for chemical, physical and biological laboratories.

THE GYMNASIUM is a brick building of fair size, well equipped for indoor athletic work.

THE POWER PLANT AND HALL OF ENGINEERING was finished in November, 1901. It contains the boilers from which all the present buildings on the campus are heated. It also contains the dynamos and appliances of the electric light plant, and the pumping apparatus for supplying the University with water. The shops, both wood and iron, are located in this building, as is the forge shop. All the shop work in electrical and mechanical engineering is done here, and the facilities in this line are much greater than ever before.

A WEATHER STATION is located on the campus, from which regular reports are sent to the chief weather observer at Portland.

THE SCHOOL OF MEDICINE BUILDING and affiliated hospitals are in Portland.

SCHOOL OF MEDICINE

FACULTY

P. L. CAMPBELL, A. B., President of the University.

HENRY E. JONES, M.D., Emeritus Professor of Clinical Gynecology.

WILLIAM JONES, M. D., Emeritus Professor of Clinical Surgery.

SIMEON EDWARD JOSEPHI, M. D., Dean of the Faculty; Professor of Obstetrics and Nervous Diseases.

OTTO SALY BINSWANGER, PH. D., M. D., Professor of Chemistry and Toxicology.

KENNETH ALEXANDER J. MACKENZIE, M. D., C. M., L. R. C. P. and L. R. C. S., Edin., Professor of Operative and Clinical Surgery.

RICHARD NUNN, A. B., B. CH., M. D., Professor of Diseases of Eye, Ear, Nose and Throat.

JAMES FRANCIS BELL, M. D., L. R. C. P., London, Professor of Theory and Practice of Medicine.

GEORGE MILTON WELLS, M. D., Professor of Pediatrics.

ANDREW JACKSON GIESY, M.D., Professor of Clinical Gynecology.

GEORGE FLANDERS WILSON, M. D., Professor of Principles and Practice of Surgery and Clinical Surgery.

ERNEST FANNING TUCKER, A.B., M.D., Professor of Gynecology.

EDMOND JOHN LABBE, M. D., Professor of General and Descriptive Anatomy.

GEORGE BURNSIDE STORY, M. D., Professor of Physiology.

ALBERT EDWARD MACKAY, M. D., Professor of Genito-Urinary Diseases.

JAMES CULLEN ZAN, M. D., Prof. of Materia Medica and Therapeutics.

ROBERT CLARK YENNEY, M. D., Professor of Histology and Pathology.

SPECIAL LECTURERS

CORTES HOLIDAY WHEELER, M. D., Lecturer on Hygiene.
JAMES OSCAR WILEY, M. D., Lecturer on Physical Diagnosis.
J. ALLEN GILBERT, PH. D., M. D., Lecturer on Clinical Medicine.
RALPH CHARLES MATSON, M. D., Lecturer on Bacteriology.
RAY WILLIAM MATSON, M. D., Lecturer on Histology.
LUTHER H. HAMILTON, M. D., Lecturer on Electro Therapeutics
FRANK M. TAYLOR, A. B., M. D. Lecturer on Dietetics, etc.
J. C. ELLIOTT KING, A. B., M. D., Lecturer on Dermatology.
OTIS BUCKMINSTER WIGHT, A. B., M. D., Lecturer on Clinical Surgery.
WILLIAM HOUSE, M. D., Lecturer on Medical Jurisprudence.
ORVILLE ARTHUR THORNTON, B. S., M. D., Lecturer on Osteology and Syndesmology.
GEORGE F. KOEHLER, M. D., Lecturer on Diseases of Stomach and Intestines (adjunct to Medicine).
ROBERT L. GILLESPIE., M. D., Clinical Lecturer on Insanity, etc.
ALVIN W. BAIRD, M. D., Lecturer on Operative Surgery.

CLINICAL LECTURERS, OUT-PATIENT DEPARTMENT.

GEORGE SHATTUCK WHITESIDE, M. D., Clinical Lecturer Genito-Urinary Diseases.
C. J. McCUSKER, M. D., Out Patient Clinician.
GEORGE F. KOEHLER, M. D.
HERBERT M. GREENE, M. D.

LABORATORY DEMONSTRATORS.

LOUIS ARTHUR SHANE, M. D., Demonstrator of Anatomy.
PERCY JOSEPH WILEY, M. D., Asst. Demonstrator of Anatomy.
THEODORE FESSLER, M. D., Laboratory Demonstrator of Chemistry.
C. J. McCUSKER, M. D., Laboratory Demonstrator of Physiology.
GUY H. OSTRANDER, B. S., M. D., Laboratory Demonstrator of Pathology.
MARIUS BRECKENRIDGE MARCELLUS, B. S., M. D., Assistant Laboratory Demonstrator of Pathology.
WM. A. SHEA, M. D., Laboratory Demonstrator of Therapeutics.
GEORGE ANDREW CATHEY, M. D., Laboratory Demonstrator of Bacteriology.
E. B. WAFFLE, M. D., Laboratory Demonstrator of Histology.

TWENTY-THIRD ANNUAL ANNOUNCEMENT

ATTENTION is called to the fact that this is the last session when entrance to the medical school may be obtained upon the minimum requirement of a four years high school course or its equivalent. After the session of 1909-10 (as has been previously announced) the minimum requirements for admission will be increased by the addition of one year of nine months to be devoted to physics, chemistry, biology and one modern language (preferably German).

The Medical Department of the University of Oregon was established in 1887, and is a graded school requiring from its students as a condition of graduation, attendance upon *four* full courses of lectures (of at least seven and one half months each) in a recognized medical college.

The regular session comprises seven and one-half months, divided into two semesters of about equal length, the first commencing about September 15 and ending January 12, and the second commencing January 13 and ending about May 1.

Full particulars as to proper credit, entrance credentials, etc., may be found under the head of "Requirements for Admission." Applicants for matriculation must procure credentials for admission from authorized sources outside this faculty. No entrance examinations will be held by any member of this faculty. Information as to authorized entrance certificates, credit for previous courses of lectures taken in other approved medical colleges, etc., may be found under the head of "Requirements for Admission" (*pages 26 to 28*).

The opening lecture of the twenty-third regular annual session will be delivered at 8 a. m., Monday, September 13, 1909. Students are requested to be in attendance at the commencement of the session, so that they may not lose the benefit of knowledge to be derived from the opening lectures. Attendance upon lectures is obligatory in accordance with the rules laid down by the faculty and set forth in this catalogue.

Special examinations will be held beginning September 15, under the rules, for advancement to second, third or fourth year standing for those entitled to re-examination, who failed to take the examinations or to attain the requisite number of credits in the Spring. Students who wish to take the Fall examinations must make application to the Dean previously and present themselves at the appointed time.

LOCATION.

The college building, located corner Twenty-third and Lovejoy streets, opposite Good Samaritan hospital, is furnished with the aids to medical education which modern advancement requires. Laboratories for chemical, histological, pathological, bacteriological, physiological and therapeutical work are provided, and arrangements made for special attention to these important practical departments. The dissecting laboratory is most conveniently arranged, is light and airy and is furnished with artificial stone tables of special design and electric fixtures for artificial illumination. Valuable additions to the laboratory apparatus are being constantly made to keep pace with advanced methods of instruction. The lecture halls include a commodious amphitheatre.

The building is heated by hot water and is lighted by gas and electricity. The Twenty-third street electric cars pass the location every few minutes. To reach the college by this line take the Washington street car designated Twenty-third street. St. Vincent's hospital is only a short distance from the college, and with Good Samaritan hospital across the street the arrangement of college and hospitals for clinical work is a most convenient one.

HOSPITAL CLINICS.

Instruction in medicine and surgery, to be efficient, must combine didactic and clinical teaching, and no opportunities for the last named class of studies are in any sense equal to those offered by a general hospital.

Our connection, through members of the faculty, with St. Vincent's, Good Samaritan and Multnomah County hospitals, is such as to afford the most enlarged advantages for clinical instruction in the wards and operating rooms of those institutions, members of the medical staff of each being also members of the college teaching corps.

St. Vincent's new hospital is located only a few blocks from the college building on a tract of five acres. The portion now completed and occupied is 260 feet long, an average of 60 feet wide and is 6 stories in height including the basement. It contains 350 beds and is admirably fitted, in other respects, with the most modern furnishings and appliances.

Good Samaritan Hospital is located just opposite the college building. It has recently added a large brick centre building and wing (representing an outlay of \$200,000.00) which with the portion of the older building still remaining contains over 200 beds. A new operating room and amphitheatre, with the most modern equipment, affords fine clinical facilities.

These hospitals, with the county hospital, the location of which has been changed from the Canyon Road to South Portland where it is easily reached by street cars, and the hospital for Alaska insane, are rich in clinical material of all kinds, and afford opportunities for clinical work and instruction unequaled anywhere in the Northwest.

The close proximity of two of them to the college clusters the buildings for both didactic and clinical instruction, so as to make the facilities very convenient.

Clinics are held every day of each week during the session. Opportunities are given students to make diagnosis of disease and prescribe treatment therefor. Operations of endless variety are performed (in presence of the class), according to the most advanced methods of modern surgery. Students are detailed as assistants in many of these.

Special attention will be given to instructing the student in methods of examination for purposes of diagnosis of both medical and surgical cases and the use of appropriate instruments used for that purpose. "Clinic Conferences" in both Medicine and Surgery have proved very beneficial to the students.

Dispensary clinics will be held daily at the out-patient department, conducted at the college building. These clinics will be attended by Prof. Labbe, Pediatrics; Prof. R. Nunn, Eye, Ear, Nose and Throat; Dr. C. J. McCusker, General Surgery; Dr. Geo. F. Koehler, General Medicine; Dr. Geo.

S. Whiteside, Genito-Urinary, Skin and Syphilis, and others of the clinical staff.

Obstetrical clinics are held during the senior year. Each senior student will be given an opportunity to attend and conduct, under proper supervision, cases of midwifery. This affords undergraduates a practical knowledge of midwifery, which must prove of great value in their future professional work. An out-patient obstetrical service has been established to which seniors will be detailed under supervision.

The hospitals already established and in successful operation for many years present excellent facilities for the study of diseases at the bedside, and this branch of instruction will receive the very careful attention of the staff of clinical lecturers connected with the college.

Portland's geographical position is such that its hospitals receive patients from the surrounding territory over a large area of country, and the types of both medical and surgical diseases met with are as various as those to be found in much larger cities.

The faculty, while not disparaging the value of didactic lectures, makes the system of clinical instruction and laboratory work occupy a prominent place in the curriculum, and it will be the aim of its members to make the instruction in all departments complete and efficient.

In addition to didactic and clinical lectures, instruction will be given by practical work in the dissecting rooms and laboratories, and by repeated oral examinations.

The laboratory courses will include a large amount of practical work by the students in histology, pathology, bacteriology, physiology, materia medica, therapeutics and electro-therapeutics. Such work being under the personal direction of laboratory demonstrators.

Reference to the plan of lectures will indicate the time which will be devoted to this work.

Much attention is given to the "quiz" or recitation feature of the didactic lectures. Under our system, markings for recitations throughout the session are considered in marking the percentage on final examinations.

DEPARTMENTS.

CHEMISTRY AND TOXICOLOGY.

During the first and second years Prof. Binswanger will treat these subjects with special attention to the fundamental principles of Chemistry, Medical and Physiologic Chemistry, Physics and Poisons.

The lectures will be fully illustrated by experiments, and a well equipped chemical laboratory will aid materially in the practical instruction of students in urinalysis and other chemical examinations. A course of practical laboratory work by students is an essential of the requirements. Both Freshmen and Sophomores will do laboratory work. Dr. Theo. Fessler will assist in the laboratory.

MATERIA MEDICA AND THERAPEUTICS

Prof. Jas. C. Zan will direct attention during first and second years to remedial agents and to the actions of medicines proper, with particular reference to their practical application. Specimens of the various medicines will be exhibited to the class and attention given to Electro-therapeutics, upon which a special course will be given both didactically and clinically by Drs. Taylor and Hamilton. Laboratory work in Materia Medica and Therapeutics will be given by the assistant, Dr. W. A. Shea. Dietetics will be treated by Dr. Taylor.

PHYSIOLOGY.

Lectures upon this subject will be delivered during first and second years by Prof. Geo. B. Story and will be illustrated by demonstrations and laboratory methods which will occupy a prominent place. Laboratory work will be in charge of the demonstrator, Dr. McCusker. Embryology will be considered in this course.

ANATOMY.

Prof. Labbe will give instruction in General and Descriptive Anatomy. This subject will be considered during first and second years and finished at the end of the second year. The lectures and recitations will be illustrated by actual dissections, charts and drawings, and special attention will be given to the surgical relations of the subject. The new amphitheatre affords improved facilities for anatomical lectures from the cadaver. During the first year a special

course on Osteology and Syndesmology by Dr. Thornton will be completed.

Dissecting material is abundant, so that no shortage need be apprehended, arrangements being already in practice for storage of material during the summer months. Drs. Shane and P. J. Wiley, Demonstrators, will be on duty daily (except Saturday) as per schedule of lectures, and attention will be given to dissections during first and second years.

HYGIENE.

Dr. Wheeler will deliver a course on Hygiene during the first and second years. The subject will be treated from a practical standpoint. Preventive medicine and sanitary science will receive the attention they so well deserve.

EMBRYOLOGY.

Embryology will be treated in the lectures of Profs. Josephi, Tucker, Labbe and Story; the first two delivering didactics and the last two giving laboratory demonstrations.

MICROSCOPY AND HISTOLOGY.

Dr. Ray W. Matson will deliver a practical course on the use of the microscope and histology and will demonstrate the technique of this work during the first year. The new laboratories are fully equipped and afford excellent opportunities for thorough laboratory work by the students, who will make their own mountings, under proper supervision, for permanent preservation. Dr. E. B. Waffle will also demonstrate histological technique.

PATHOLOGY.

This will include the study of microscopical examinations of pus, blood, urine, tumors and other tissue structures, etc., and post mortem work and medical zoology. Drs. Ostrander and Marcellus will demonstrate technique in the laboratory.

Pathology is taught by Prof. Yenney in the Sophomore and Junior years. In the Sophomore year, two hours each week for ten weeks is devoted to laboratory work. During the first and greater portion of the second semester, the Sophomores attend two didactic lectures each week, until the subject of general pathology has been covered.

The Junior class attends two didactic lectures each week throughout the entire year. General pathology is reviewed,

the remaining time being given to special pathology. During the Junior year two hours each week is devoted to laboratory work, which includes examination of microscopical sections, gross pathological specimens and post mortems.

Everything is done to make the course as practical as possible and to give the students a thorough working knowledge of the subject.

OBSTETRICS.

This subject, including some consideration of Embryology, will be taught during second, third and fourth years. Prof. Josephi will illustrate the lectures upon this branch by manikins, charts, diagrams, specimens, clinical work, in the hospital maternity wards, etc. All the principal obstetric operations will be demonstrated and members of the class will be required to perform operations and instrumental applications on the manikin before the class. Fourth year students will receive instruction by clinical methods and labor cases in hospital and out-patient service will be entrusted to individual members of the senior class under proper direction, thus insuring an eminently practical knowledge of this important branch.

BACTERIOLOGY.

Dr. Ralph C. Matson will deliver practical lectures with laboratory work on Bacteriology to third year students.

The Bacteriological Laboratory is newly supplied with all the necessary apparatus and material for a very full course.

Each student will receive instruction in Bacteriological technique including best methods of examining sputum, staining, etc., culture media and their preparation, and different bacteria will be cultivated and studied, such as those of Typhoid, Diphtheria, Cholera, Tubercle, etc. Dr. Ralph Matson will also give demonstrations in Clinical Microscopy.

DERMATOLOGY AND SYPHILIS.

Dr. J. C. E. King will deliver lectures on Dermatology and Syphilis during the third year. The exhibition of illustrative cases will form a prominent feature. Dr. White-side will conduct a clinic in the out-patient department and cases will also be shown at county hospital.

GYNECOLOGY.

This branch will be taught during third and fourth years by Prof. Tucker, by lectures and case-taking experiences. Prof. A. J. Giesy will give clinics in Gynecology at Good Samaritan Hospital. Practical instruction will be given in manual and instrumental examinations and operations for the diagnosis and treatment of diseases peculiar to women.

SURGERY.

Surgery in all its various branches will be taught during the third and fourth years as per outline by means of systematic lectures and operations in the presence of the class. In addition there will be demonstrations of all the details of bandaging, dressings, and the application of the various forms of apparatus used in the treatment of diseases, accidents and deformities, including fractures and dislocations. Members of the graduating class will have opportunities to assist in operations and for practice in minor surgery, bandaging, etc. All the usual surgical operations will be demonstrated on the cadaver in the college amphitheatre in a special course by Dr. Alvin W. Baird.

A special practical course will be given in explanation and demonstration of the X-ray in the diagnosis and treatment of disease by Drs. Taylor and Hamilton.

Prof. Geo. F. Wilson will deliver didactic and clinical lectures on Principles and Practice of Surgery and clinics in Surgery will also be given by Prof. K. A. J. Mackenzie, Dr. Otis B. Wight and the out-patient staff. Prof. Mackenzie will deliver a clinical course upon Operative Surgery and Prof. Wilson will give special attention to clinics on dislocations, fractures and fracture apparatus. Dr. Wight will give special attention to minor surgery and the details of dressings, bandages, etc.

THEORY AND PRACTICE OF MEDICINE.

During the third and fourth years, as per outline, Prof. Bell will bring into prominence, in this branch, the essentials of Theoretical and Practical Medicine, dwelling more particularly upon those subjects which will be likely to prove of most substantial use to the young practitioner, while not neglecting theoretical essentials. Teaching in this branch will be illustrated by clinics at the college and

hospitals and out-patient department. Prof. Wells will deliver lectures upon Diseases of Children. Prof. Josephi upon Insanity and Diseases of the Nervous System. Dr. Wheeler upon Hygiene and Dr. J. O. C. Wiley upon Physical Diagnosis. Prof. Bell and Drs. J. A. Gilbert and Herbert M. Greene will hold medical clinics at St. Vincent's and County Hospitals. Dr. R. L. Gillespie will hold clinics on Insanity at Crystal Springs Sanitarium. Dispensary clinics will be conducted daily at the out-patient department by the out patient staff. Dr. Koehler will give a special course on diseases of stomach and intestines with practical demonstration of methods of examination.

Other special clinics will be held as announced from time to time during the progress of the course.

GENITO-URINARY DISEASES.

Prof. Mackay will, in addition to clinics on Genito-Urinary Surgery at the Good Samaritan Hospital, give instruction in Genito-Urinary Diseases and Syphilis, illustrated by preparation, models, drawings and lantern. The different types of urethrosopes and cystoscopes will be shown and explained and the commendable modern instruments will be used in the clinics as opportunities are presented. Clinics in out-patient department and County Hospital by Dr. Whiteside.

PHYSICAL DIAGNOSIS.

Dr. J. O. C. Wiley will give special instruction on this important subject, giving prominence to topographical examinations, exemplary sounds, etc., using clinical material for demonstrations. Clinics at hospital.

DISEASES OF THE NERVOUS SYSTEM.

Lectures on Nervous Diseases including Insanity will be delivered by Prof. Josephi during third and fourth years. In this course special Nervous Diseases not included in the lectures of others will be dwelt upon. Clinics at hospitals and out-patient department. A special clinical course on Insanity will be given by Dr. Gillespie.

OPHTHALMOLOGY, OTOTOLOGY, RHINOLOGY AND LARYNGOLOGY.

Prof. Nunn will deliver lectures upon these subjects to third and fourth year students and will give special attention

to methods of diagnosis and treatment of diseases of the parts involved. Practical clinical training in these branches and in the use of the ophthalmoscope, specula, laryngoscope and instruments for local applications, will be given. Clinics in Good Samaritan Hospital and out-patient department.

PEDIATRICS.

Prof. G. M. Wells will bring before the students during fourth year a full consideration of the disorders incident to infancy and childhood. This important branch of medicine claims earnest study of the child from the first hour of life. The subject of prophylaxis is now to the fore, and a few years may see a great revolution in the treatment and control of contagious diseases. The subject of infant feeding continues to interest all pediatricists. All subjects pertaining to this chair will receive attention.

MEDICAL JURISPRUDENCE.

Dr. Wm. House will deliver lectures embracing the more essential points of this interesting branch of medicine during the third and fourth years.

MICROSCOPES.

All laboratory students will be required to furnish themselves with microscopes. To those not possessing instruments the college will rent one microscope to two students at a rental charge for the session of \$5.00 against each of such students, payable in advance. The two students to whom the instrument is rented will be held responsible for its return in good order.

LIBRARY.

A medical library, known as "The R. B. Wilson Library" has been established at the college building. The nucleus for this is a gift of the medical libraries of the late Dr. R. B. Wilson and Dr. Rodney Glisan. This has been added to and will be further enlarged from time to time. Students will be allowed the use of books (not to be removed from the building) under such rules as the college may prescribe.

NOTE.—All students are *privileged* to attend all *didactic* lectures, but only such as are laid down in the schedule are compulsory.

The following is an outline of the work:

FRESHMAN YEAR.

Anatomy, with dissections,
General Chemistry, with laboratory work,
Materia Medica and Pharmacy, with laboratory work,
Physiology, with laboratory work,
Microscopy and Histology, with laboratory work,
Hygiene and Public Health.
Embryology,
Dietetics,

Examinations at the end of the year in Osteology and Syndesmology
Histology, Principles of Chemistry, Elementary Materia Medica,
Physiology (Prox. Principles, the Blood and Digestion) Embryology.

SOPHOMORE YEAR.

Anatomy, with dissections: finished,
General Pathology, with laboratory work,
Physiology, with laboratory work, finished,
Embryology, with laboratory work,
Chemistry, with laboratory work; finished,
Materia Medica, Pharmacology and Therapeutics; finished,
Hygiene and Public Health; finished,
Obstetrics (Pelvic Anatomy, Embryology and Normal Labor).
Dietetics,

Examinations at the end of the year: Anatomy (final); General
Pathology; Physiology (final); Chemistry (final); Materia Medica and
Therapeutics (final); Hygiene; Dietetics; Obstetrics (Pelvic Anatomy,
Embryology and Normal Labor.)

JUNIOR YEAR.

Theory and Practice of Medicine, General Therapeutics,
Principles and Practice of Surgery and Bandaging,
Pathology with Laboratory Work,
Bacteriology, with Laboratory Work,
Pediatrics, Ophthalmology and Otology,
Dermatology, Obstetrics,
Gynecology, Medical Jurisprudence,
Genito-Urinary Diseases, Nervous Diseases.
Physical Diagnosis, Clinics.

Examinations in Principles of Medicine: Principles of Surgery; Path-
ology (final); Gynecology; Physical Diagnosis; Obstetrics; Dermat-
ology; Diseases of Genito-Urinary Organs; Ophthalmology and Otology,
Bacteriology (final),

SENIOR YEAR.

Medical Jurisprudence,
Theory and Practice of Medicine,
Principles and Practice of Surgery,
Military and Operative Surgery,
Clinics all,
Gynecology,
Genito Urinary Diseases,
Ophthalmology and Otology,
Obstetrics, Clinics,
Rhinology and Laryngology,
Pediatrics,
Insanity and Diseases of Nervous System.
Examinations: Final in above.

SCHEDULE OF LECTURES, 1909-1910. FRESHMAN YEAR.—FIRST SEMESTER.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8:00-9:00	Chemistry. Prof. Binswanger.			Chemistry. Prof. Binswanger.	Materia Medica Prof. Zan.	Chemistry. Prof. Binswanger.
9:00-10:00	Physiology. Prof. Story.	Anatomy Prof. Labbe.	Physiology. Prof. Story.	Anatomy. Prof. Labbe.	Physiology. Prof. Story.	Anatomy. Prof. Labbe.
10:00-12:00	Microscopy, Histology, Laboratory	Dr. Ray W. Matson. { Daily from Sept. 16 to Nov. 30.		Physiology { Dr. McCusker { Daily from Nov. 30 to Jan. 13.		
1:00-2:00	Osteology, etc. Dr. Thornton.	Materia Medica Prof. Zan	Anatomy Laboratory		After Nov. 30 Histology Dr. Ray W. Matson	
2:00-3:00					Materia Medica Therapeutics Laboratory. Dr. Shea	
3:00-4:00		Anatomy Laboratory			Anatomy Laboratory	Chemistry Laboratory. Dr. Fessler
4:00-5:00						
5:00-6:00	Anatomy, Demonstrations. Dr. Suane or Dr. Wiley.	Anatomy, Demonstrations. Dr. Shane or Dr. Wiley	Anatomy, Demonstrations. Dr. Shane or Dr. Wiley	Anatomy, Demonstrations. Dr. Shane or Dr. Wiley	Anatomy, Demonstrations. Dr. Shane or Dr. Wiley	

The right of the faculty to modify the schedule is reserved.

SCHEDULE OF LECTURES, 1909-1910. FRESHMAN YEAR.—SECOND SEMESTER.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8:00-9:00	Chemistry. Prof. Binswanger.			Chemistry. Prof. Binswanger.	Materia Medica Prof. Zan.	Physiology, Prof. Story.
9:00-10:00	Physiology. Prof. Story.	Anatomy. Prof. Labbe.	Hygiene and Public Health. Dr. Wheeler.	Anatomy. Prof. Labbe.	Physiology. Prof. Story.	Anatomy. Prof. Labbe.
10:00-12:00	Embryology—Prof. Labbe Daily Feb. 1 to April 15			Physiology { Dr. McCusker } Daily from Laboratory { Jan. 13 to Jan. 31		
1:00-2:00	Osteology, etc. Dr. Thornton	Materia Medica Prof. Zan	Dietetics Dr. Taylor	Histology Dr. Ray W. Matson	Histology Dr. Ray W. Matson	
2:00-3:00				Materia Medica Prof. Zan.		
3:00-4:00	Anatomy Laboratory	Anatomy Laboratory	Anatomy Laboratory	Anatomy Laboratory	Chemistry, Laboratory. Dr. Fessler	
4:00-5:00						
5:00-6:00	Anatomy. Demonstrations. Dr. Shane or Dr. Wiley.	Anatomy. Demonstrations. Dr. Shane or Dr. Wiley	Anatomy. Demonstrations. Dr. Shane or Dr. Wiley	Anatomy. Demonstrations. Dr. Shane or Dr. Wiley	Anatomy, Demonstrations. Dr. Shane or Dr. Wiley	

The right of the faculty to modify the schedule is reserved.

SCHEDULE OF LECTURES, 1909-1910. SOPHOMORE YEAR.—FIRST SEMESTER.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8:00-9:00	Chemistry. Prof. Binswanger.	Materia Medica Prof. Zan.		Chemistry. Prof. Binswanger.	Materia Medica Prof. Zan.	Chemistry, Prof. Binswanger.
9:00-10:00	Physiology. Prof. Story.	Anatomy. Prof. Labbe.	Physiology. Prof. Story.	Anatomy Prof. Labbe.	Physiology. Prof. Story.	Anatomy. Prof. Labbe.
10:00-12:00	Physiology, { Dr. McCusker. Daily from Nov. 30 to Jan. 13. } 10 to 12 except Tuesdays and Laboratory { 11 to 12 Prof. Yenney lectures Tuesdays and Thursdays, Sept. 16 to Feb. 17 } Thursdays, when 10 to 11					
1:00-2:00	Obstetrics. Prof. Josephi.	Anatomy Laboratory	Anatomy Laboratory	Obstetrics. Prof. Josephi.	Obstetrics. Prof. Josephi.	
2:00-3:00				Materia Medica and Therapeutics. Laboratory. Dr. Shea.	Anatomy Laboratory	
3:00-4:00				Anatomy, Demonstrations. Dr. Shane or Dr. Wiley.		
4:00-5:00				Chemistry, Laboratory. Prof. Binswanger		
5:00-6:00	Anatomy, Demonstrations. Dr. Shane or Dr. Wiley.	Anatomy, Demonstrations. Dr. Shane or Dr. Wiley.	Anatomy, Demonstrations. Dr. Shane or Dr. Wiley		Anatomy, Demonstrations. Dr. Shane or Dr. Wiley.	

The right of the faculty to modify the schedule is reserved.

SCHEDULE OF LECTURES, 1909-1910. SOPHOMORE YEAR.—SECOND SEMESTER.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8:00-9:00	Chemistry. Prof. Binswanger.	Materia Medica Prof. Zan.		Chemistry. Prof. Binswanger.	Materia Medica Prof. Zan.	Physiology. Prof. Story.
9:00-10:00	Physiology. Prof. Story.	Anatomy. Prof. Labbe.	Hygiene and Public Health Dr. Wheeler	Anatomy. Prof. Labbe.	Physiology. Prof. Story.	Anatomy. Prof. Labbe.
10:00-12:00	Physiology, { Dr. McCusker Daily Jan. 13 to Jan. 31. ex- Laboratory, { Laboratory, { Prof. Yenney. Daily Feb. 1 to April 15. cept Tuesdays and Thursdays, when 10 to 11, 11 to 12 to Feb. 17, Prof. Yenney.					
1:00-2:00	Obstetrics. Prof. Josephi.	Anatomy Laboratory	Dietetics Dr. Taylor.	Obstetrics. Prof. Josephi.	Obstetrics. Dr. Josephi.	
2:00-3:00			Anatomy Laboratory	Materia Medica Prof. Zan	Anatomy Laboratory	
3:00-4:00				Anatomy Demonstrations, Dr. Shane or Dr. Wiley		
4:00-5:00				Chemistry, Laboratory Prof. Binswanger.		
5:00-6:00	Anatomy. Demonstrations. Dr. Shane or Dr. Wiley.	Anatomy. Demonstrations. Dr. Shane or Dr. Wiley.	Anatomy. Demonstrations. Dr. Shane or Dr. Wiley.		Anatomy. Demonstrations. Dr. Shane or Dr. Wiley.	

The right of the faculty to modify the schedule is reserved.

SCHEDULE OF LECTURES, 1909-1910.—JUNIOR YEAR.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9:00-10:00	Prin. and Practice of Medicine. Prof. Bell.	Clinic Surgery. Prof. Mackenzie.	Prin. and Practice of Medicine. Prof. Bell.	Surgical Clinic Conference. St. Vincent's Hosp. Prof. Mackenzie.	Prin. and Practice of Medicine. Prof. Bell.	Clinic Surgery. Prof. Mackenzie.
10:00-11:00	Clinic or Lecture. Prof. Mackay.	Nervous Diseases. Prof. Josephi.	Prin. and Practice of Surgery. Prof. Wilson.	Dermatology. Dr. King. Second Semester.	Prin. and Practice of Surgery. Prof. Wilson.	Pathology, Laboratory or Autopsies. Prof. Yenney and Drs. Ostrander and Marcellus
11:00-12:00	Gynecology. Prof. Tucker.	Pathology. Prof. Yenney.	Gynecology. Prof. Tucker.	Pathology. Prof. Yenney.	Clinic or Lecture. Prof. Mackay.	
1:00-2:00	Obstetrics. Prof. Josephi.	Clinical Haematology Dr. McCusker 1st Semester 1 to 3 Stomach and Intestines Dr. Koehler 2nd Semester	Medical Clinic, St. Vincents Hosp. Prof. Bell.	Obstetrics. Prof. Josephi.	Obstetrics. Prof. Josephi	
2:00-3:00	Physical Diagnosis. Dr. J. O. C. Wiley	Operative Surgery 1st & 3d Tuesdays. Prof. Mackenzie or Dr. Baird Medical Clinic. 2d & 4th Tuesdays. Dr. Gilbert. 2nd Semester	Operative Surgery. Dr. Baird		Ophthalmology and Otology. Prof. Nunn.	Clinics at Mullinah County Dr. Greene, except when Clinics announced at Crystal Springs Hospital. Dr. Gillespie
3:00-4:00	Bacteriology with Laboratory Work Dr. Ralph Matson	Clinics. Out-patient Department.	Clinics, Out-patient Department. Dr. Koehler	Clinics, Out-patient Department. Dr. 4 P. M. Med Jurisprudence Dr. House Second Semester.	Bacteriology with Laboratory Work Dr. Ralph Matson	
4:00-5:00						
5:00-6:00						O. P. Department. Dr.

N.B.—Additional clinics, not to interfere with regular lecture hours, as may be announced from time to time.

The right of the faculty to modify the schedule is reserved.

SCHEDULE OF LECTURES, 1909-1910. — SENIOR YEAR.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9:00-10:00	Prin. and Practice of Medicine. Prof. Bell.	Operative Surgery. Prof. Mackenzie.	Prin. and Practice of Medicine. Prof. Bell.	Surgical Clinic Conference. St. Vincent's Hosp. Prof. Mackenzie.	Prin. and Practice of Medicine. Prof. Bell.	Operative Surgery. Prof. Mackenzie.
10:00-11:00	Clinic or Lecture. Prof. Mackay.	Nervous Diseases. Prof. Josephi.	Prin. and Practice of Surgery. Prof. Wilson.		Prin. and Practice of Surgery. Prof. Wilson.	
11:00-12:00	Lecture or Clinic, Electro-Therapeutics. Dr. Taylor.	Clinic, Gynecology. Prof. Tucker. Second Semester.	Pediatrics. Prof. Wells.	Surgical Clinic, St. Vincent's Hosp. Dr. Wight.	Clinic or Lecture. Prof. Mackay.	
1:00-2:00	Medical Clinic, St. Vincent's Hosp. Dr. Gilbert.	Stomach-Intestines Dr. Koehler 2nd Semester.	Medical Clinic, St. Vincent's Hosp. Prof. Bell.	Surgical Clinic Good Samaritan Hospital. Prof. Wilson.	Medical Clinic, St. Vincent's Hosp. Dr. Gilbert.	Clinics at Multnomah County Hospital, except when Clinics announced at Dr. Greene, Crystal Springs Hospital. Dr. Gillespie
2:00-3:00	Physical Diagnosis. Dr. J. O. C. Wiley	Operative Surgery 1st & 3d Tuesdays. Prof. Mackenzie or Dr. Baird, Medical Clinic, 2d & 4th Tuesdays. Dr. Gilbert.	Operative Surgery Dr. Baird		Ophthalmology Otology, etc. Prof. Nunn.	
3:00-4:00		Clinics, Out-patient Department. Dr.	Clinics, Out-patient First Semester. Dr. Koehler Clinic, Electro-Therapeutics. Dr. Hamilton. Second Semester.	Clinics, Out-patient Department. Dr.	Hospital Clinics.	
4:00-5:00	Hospital Clinics.	Clinic, Eye, Ear, Nose and Throat. Prof. Nunn.		4 P. M. Med. Jurisprudence Dr. House Second Semester.		
5:00-6:00						O. P. Department. Dr.

Obstetrical clinics for Seniors will be announced in alphabetical rotation.

N.B.—Additional clinics, not to interfere with regular lecture hours, as may be announced from time to time.

The right of the faculty to modify the schedule is reserved.

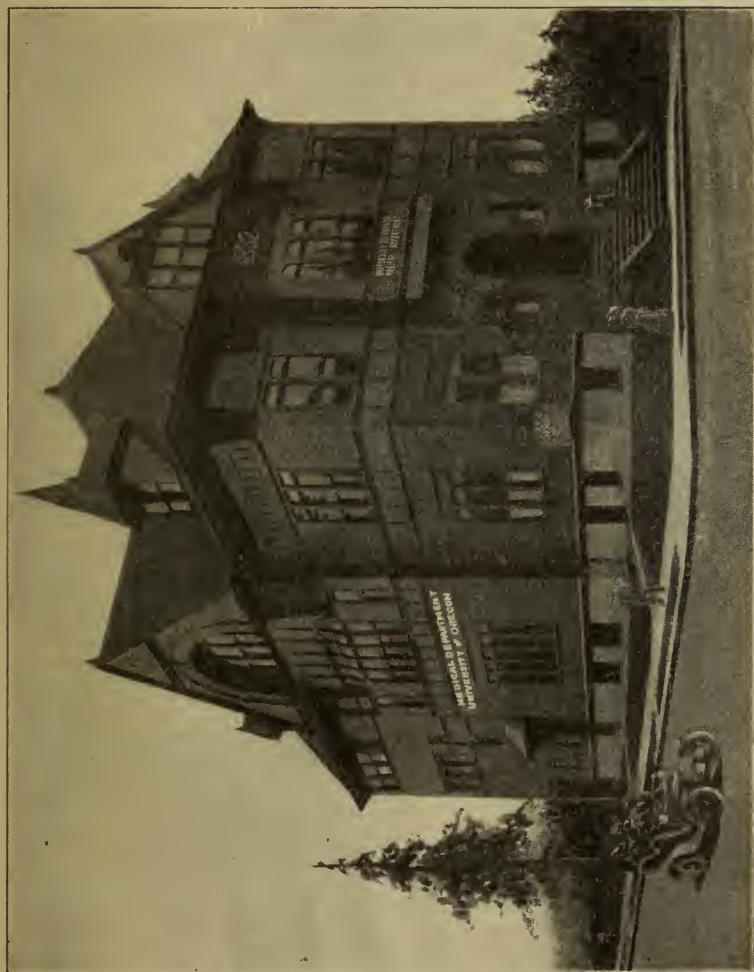
TEXT BOOKS.

The following list of books is given as a guide to the student (latest editions preferred):

FOR STUDY		FOR REFERENCE
Anatomy	Gray.	Morris, Cunningham.
Physiology	Howell.	Hall, Kirke.
Chemistry	{ Withaus.	Bartley, Sadtler and Trimble.
	{ Hill.	
	{ Purdy Pract.	
	{ Urinalysis, etc.	
Materia Medica.....	White & Wilcox.	Butler, Shoemaker, Sollman.
Surgery.....	{ Wharton &	International Text Book. Senn's Principles of Surgery, Da Costa. Bickham's Text Book of Operative Surgery.
	{ Curtis.	
	{ Bickham's Text	
Theory and Practice..	Anders, Tyson.	Osler's System.
Diagnosis	Cabot.	Da Costa.
Obstetrics	Hirst.	Williams.
Diseases of Children..	Fischer Ruhrah.	Holt, Koplik, Cotton.
Gynæcology	Dudley.	Montgomery, Hirst, Ashton, Penrose.
Ophthalmology	Swanzy.	Noyes, Buck, Fuchs.
Otology Laryngology..	{ Bishop's Dis. of	
	{ Ear, Nose and Throat	
Histology	Piersol.	Stohr, Ferguson.
Pathology..	Stengel.	Mallory & Wright.
Dermatology	Stelwagon.	Kaposi, Crocker, Hyde & Montgomery.
Toxicology	Taylor.	
Orthopædic Surgery...	Sayre.	
Nervous diseases and Insanity	Church & Peter-son.	Gowers, Dana, Krafft-Ebing.
Genito-Urinary Diseases	{ Keyes,	White & Marten, Taylor.
	{ Lydston.	
Medical Jurisprudence	F. W. Draper.	A. N. Taylor, Wharton and Stille.
Hygiene	Bergey.	
Bacteriology.....	Muir & Ritchie.	Abbott, Levy & Klemperer, McFarland
Electro-Therapeutics...	A. D. Rockwell	Medical and Surgical Electricity.
Dietetics	{ Food & Diet,	Friedenwald, Thompson.
	{ Williams	

HOSPITAL APPOINTMENTS.

The college recommends for eight appointments each year of house surgeons, five to the Good Samaritan Hospital, three to St. Vincent's Hospital, both in Portland. Information regarding these appointments will be furnished by the Dean on application. Each appointment is for one year, during which time board and lodging will be furnished free at the hospital. An excellent opportunity is thus afforded to the graduate to acquire in the wards of a well equipped hospital, without any expense, a practical knowledge by clinical experience and actual practice.



MEDICAL DEPARTMENT OF THE UNIVERSITY OF OREGON

PRIZES.

SAYLOR MEDAL.

The Saylor Gold Medal founded by the late Prof. Saylor and now maintained by the Faculty, will be awarded to the graduate who shall have obtained the highest total of credits for the four year's work (whether taken in regular sequence or not.) Provided: Credits in medical subjects shall have been obtained in some department or departments of the University of Oregon, and the student's mark in his first examination in any subject or part of a subject (whether or not he passes the subject at that examination) shall be the mark considered in making up his total in competition for the medal.

THE ANATOMY MEDAL.

The Anatomy Gold Medal, will be awarded to the undergraduate who obtains the highest total mark in Anatomy in final examination in that branch. This mark is the total of Osteology, Histology and Anatomy, including dissections. Provided such mark is obtained in the University of Oregon under conditions similar to those governing the Saylor Medal. The medal will be presented to the winner only at the time of graduation from this college.

MEDALISTS 1908-09.

SAYLOR MEDAL—Otis Franklin Akin, M. D.

ANATOMY MEDAL—Michael Edward Purcell.

REQUIREMENTS FOR ADMISSION

For Session 1909-10.

1. (a) A bachelor's degree from an approved college or university.

(b) A diploma from an accredited high school, normal school or academy requiring for admission evidence of the completion of an 8-year course in primary and intermediate grades, and for graduation not less than four years of study embracing not less than two years (4 points) of foreign language, of which one must be Latin, two years (4 points) of mathematics, two years (4 points) of English, one year (2 points) of history, two years (4 points) of laboratory science, and six years (12 points) of further credit in language, literature, history or science.

- (c) An examination in the following branches:

A. 30 points, of which 20 points must be as follows: Mathematics (4 points); English (4 points); History (4 points); Language (2 must be Latin), 4 points; Science (taken from physics, chemistry, botany, zoology), 4 points.

(See outline of Portland High School course, page 26.)

B. The other 10 points may be elected from following (additional to requirements under subdivision A): English, 2 points; History, 4 points; Language, 6 points; Manual Training, 2 points; Mechanical Drawing, 1 point; Natural Science (botany, biology, zoology), 2 points; Physical Science (chemistry, physics), 2 points; Trigonometry, 1 point; Astronomy (1), Civics (1), Geology (1), Physical Geography (1), Physiology and Hygiene (1), Political Economy (1).

(One point in any subject in a high-school or academic course demands not less than five periods per week of forty-five minutes each for eighteen weeks.)

As a sample of the work to be done as an equivalent of a four years' high school classical course for which credit for 30 points may be given, the following is submitted from the modified curricula of the Portland High School:

HIGH SCHOOL LATIN COURSE.

TERMS	1	2	3	4
Mathematics	Algebra.....	Algebra.....	Algebra.....	Plane Geometry
Science.....	Physiography or Zoology.....	Physiography or Zoology.....	Botany.....	Botany.....
History.....	Oriental & Greek Literature Composition Rhetoric and Grammar.....	Roman..... Literature Composition Rhetoric and Grammar.....	Mediaeval..... Literature Composition Rhetoric and Grammar.....	Modern..... Literature Composition Rhetoric and Grammar.....
English.....	Latin Lessons....	Latin Lessons....	Caesar.....	Caesar.....
TERMS	5	6	7	8
Mathematics	Plane Geometry	Solid Geometry	Trigonometry....	Higher Algebra
Science . . .	Physics	Physics	Chemistry	Chemistry
History.....	English..... Literature Composition Rhetoric and Grammar.....	English..... Literature Composition Rhetoric and Grammar.....	American	American..... Literature Composition and Rhetoric.....
English.....	Cicero	Cicero	Virgil.....	Virgil and Ovid

1. Minimum in Latin—First, Second, Third and Fourth Terms.

2. Of the remaining four subjects, maximum work must be taken in two, and not less than minimum in the others to make 30 points, or work terms.

Pamphlet of particulars of text books and extent of subject matter will be furnished on application to Dean's office.

Conditions in not to exceed six points may be allowed as noted below (section 3).

Certificates from reputable instructors recognized by the Oregon Superintendent of Public Instruction or the Portland City Superintendent of Public Instruction or by any state board of medical examiners duly authorized by law, may be accepted in lieu of any part of this examination.

2.—This examination must be conducted or recognized by or be under the authority of the superintendent of public instruction of the city or state in which the college is located. In no case shall it be conducted by any person connected with the faculty of the institution to which the student is seeking admission.

3.—A student may be allowed to enter on his medical work conditioned in not more than six points, and these conditions must be removed by satisfactory examination before he is allowed to enter on the second year of his medical course.

4.—The official credentials presented by students from other colleges having at least the standard requirements of this college, may be honored, excepting for the fourth year of their course, but no student will be admitted to advanced standing without a direct communication from the college from which such student desires to withdraw, certifying to the applicant's professional and moral qualifications, and to the exact work he has done in said college.

5.—Candidates for the degree of Doctor of Medicine shall have attended four courses of study in four calendar years, each annual course to have been of not less than thirty teaching weeks' duration, and at least ten months shall intervene between the beginning of any course and the beginning of the preceding course.

6.—Credit may be given to the holder of a Bachelor's Degree from an approved college or university for any work in the medical branches which he has successfully completed in his college course, only so far as it is the full equivalent of corresponding work in the medical curriculum. The holder of such Bachelor's Degree may also be given time credits of not exceeding one year, provided that such student has had at least 40 hours in

physics, 144 hours in chemistry, 24 hours in osteology, 292 hours in human or comparative anatomy, 124 hours in histology, 85 hours in embryology, 145 hours in physiology, and 46 hours in materia medica; provided, that the applicant for such time credits satisfies the professors of the chairs mentioned in the medical school as to his proficiency in these first-year medical studies, and satisfies the examiner, as provided for in 2, (*supra*), that his studies for which the degree was conferred include the above requirements. Such student may be allowed to complete a course for the medical degree in not less than 31 months, provided he completes the remainder of the medical curriculum in that time.

Before admission, every student is required to furnish a satisfactory certificate of good moral character, signed by two reputable physicians of his locality, and to obtain the Dean's receipt for the payment of the matriculation fee. It will therefore be necessary for the applicant to present himself at the office of the Dean, register his name as a student in the Medical Department, pay his matriculation fee, and arrange for payment of his regular fees. New students will be assigned seats in the order of date of matriculation. Certificates for entrance may be submitted to the Dean for approval at any time and the student's name listed; but matriculation will not take place until the date of the opening of the matriculation book, September 1st.

REGULATIONS REGARDING EXAMINATIONS.

A percentage of 75 is required for passing from grade to grade in all subjects.

The estimate of the standing of each student is based both upon the general character of his work and upon the results of his examination. Students failing to attend 80 per cent. of all exercises in any subject are considered to have failed in that subject, and will not be credited for examination therein.

Students who have failed in not to exceed two subjects are permitted to continue the work of their class when they shall have passed re-examination in those subjects at the beginning of the next college year. Failing to pass this re-examination in at least one of such subjects will necessitate repetition of the whole year's work.

Conditions will be permitted only from preceding year in regular sequence.

No student shall be admitted to the Senior year with a full major or more than one minor condition. Students who have failed in three subjects are not admitted to re-examination, but are required to take the whole year's work over again, including those subjects in which they may have passed. In all re-examinations no percentage grades over 75 are given; the student either passes or fails.

Students who for three successive years have failed to secure advanced standing will not be permitted to continue their studies in the college.

Fourth year students are required to pass in all subjects before receiving the degree of Doctor of Medicine.

For a final passing mark students must attain an average of 75 per cent., and not fall below 70 per cent. in any one chair in the work of the entire course.

Those who fail in one or two subjects will be admitted to re-examination in those subjects at the beginning of the following regular term. If they pass, they will receive the degree at the next succeeding commencement.

Examinations will be conducted by numbers and not by names of students, so that the identity of the student shall not be known to the examiner.

REQUIREMENTS FOR GRADUATION.

The candidate for the degree of Doctor of Medicine must be of good moral character and twenty-one years of age. He must have studied medicine four years, including attendance upon lectures, and attended in a regular medical college authorized to confer the degree of M. D., four full courses of lectures, of at least seven and one-half months' each, no two of which shall have been delivered within twelve months, (unless admitted to advanced standing as above) the last of which must have been in this college; and must exhibit his tickets or other adequate evidence of attendance to the Dean of the Faculty. He must present to the Dean satisfactory evidence of having dissected the entire cadaver. He must have attended at least two courses of Dissections and Clinical Instruction. He must present to the Dean satisfactory evidence of time of study, laboratory work and moral character. He must have passed successfully the examinations prescribed by the Faculty and have paid all fees due the College.

The degree will not be conferred upon any candidate who absents himself from the public commencement exercises without special permission of the Faculty.

The diploma given to graduates is that of the University of the State of Oregon, duly signed by the President and Secretary of the Board of Regents, as well as by the Medical Faculty.

Women will be admitted to matriculation, instruction and graduation on the same terms as men.

COLLEGE EXPENSES.

ALL FEES ARE PAYABLE IN ADVANCE. In a *limited* number of cases some accommodation may be given, but such will be granted in order of application and *must be arranged for at time of matriculation*. Otherwise all fees, except examination fees, must be paid in advance. Fees are not returnable unless, in the judgment of the faculty, circumstances justify.

All students whose work is in the *chemical* or *physiological* laboratory will be required to deposit \$3.00 and those in the *histological*, *pathological* or *bacteriological* laboratory \$5.00 for breakage. *These fees must be paid before the student will receive credit for any laboratory work.* With the exception of \$2.00 for each laboratory course, these fees are returnable if no breakage is charged. Dissecting material \$3.00 per part.

To those who enter at beginning of first year:

First year: Matriculation	\$ 5 00
Fee for course	130 00
One-quarter examination fee	7 50
Second year: Fee for course	130 00
One-quarter examination fee	7 50
Third year: Fee for course	100 00
One-quarter examination fee	7 50
Fourth year: Fee for course	50 00
One-quarter examination fee	7 50

To those who enter beginning of second year (not having taken a course in this college):

Second year: Matriculation	5 00
Fee for course	130 00
One-third examination fee	10 00
Third year: Fee for course	130 00
One-third examination fee	10 00
Fourth year: Fee for course	75 00
One-third examination fee	10 00

To those who enter beginning of third year (not having taken a course in this college):

Third year: Matriculation	5 00
Fee for course	130 00
One-half examination fee	15 00
Fourth year: Fee for course	100 00
One-half examination fee	15 00

To those who enter beginning of fourth year (not having taken a course in this college):

Fourth year: Matriculation	5 00
Fee for course	120 00
Examination fee	30 00

\$50 per session will be charged students who continue in attendance after having failed to obtain the degree at the end of their normal final year.

One full scholarship and two half-scholarships are open to graduates of the University of Oregon with the degree of A. B. or B. S., of not more than two years standing. Particulars will be furnished upon application to Prof. Josephi, Portland.

BOARDING.

Good board with rooms and all the usual accommodations, can be obtained in the vicinity of the college at reasonable rates.

DIRECTIONS TO THE STUDENT.

Students will matriculate at the office of the Dean, Prof. S. E. Josephi, Dekum Building, Third and Washington streets, Portland, Or.

For further particulars address

S. E. JOSEPHI, M. D., Room 610 Dekum Bldg.,

Third and Washington Sts., PORTLAND, OREGON.

CATALOGUE OF STUDENTS

FOR

SESSION 1908-09.

Adams, Frederick, B. S.....	Roseburg, Or.
Akin, Otis Franklin.....	Portland, Or.
Anderson, Edgar Harris.....	Portland, Or.
Anderson, Gilbert Emanuel.....	Medford, Or.
Barendrick, Wm. Harrison.....	Portland, Or.
Barrett, Ira Ellis.....	Hillsboro, Or.
Bisaillon, James Marr.....	Portland, Or.
Bolcom, Daisy Fluellin.....	Seattle, Wash.
Borland, Walter Allen.....	Tacoma, Wash.
Brooke, Banner Raymond, A. B.....	Portland, Or.
Brooke, Lloyd Wesley.....	Portland, Or.
Brown, Elwin.....	Tacoma, Wash.
Canfield, Henry Augustus, Jr.....	Seattle, Wash.
Carl, Geo. G.....	Pendleton, Or.
Cathey, Collins Flint.....	Corvallis, Or.
Cathey, Geo. A.....	Corvallis, Or.
Cleveland, Donald E. H.....	Victoria, B. C.
Cobert, Thompson.....	Portland, Or.
Darby, James Albert.....	Pomeroy, Wash.
Davis, Ralph Ferrein.....	Portland, Or.
Dinsmore, Jno. B.....	Eugene, Or.
Eastland, Herbert C., A. B.....	Eugene, Or.
Forrest, Merle Verne.....	McMinnville, Or.
Gale, Arthur.....	Baker City, Or.
Gambée, Edwin E.....	Santa Clara, Cal.
Gaunt, Geo. G.....	Clemons, Iowa.
Gillis, James Burton.....	Walla Walla, Wash.
Graffis, Robert St. Clair.....	Portland, Or.
Graham, James Patterson.....	Portland, Or.
Green, Otto I., B. S.....	Portland, Or.
Haile, Homer Brown.....	Pomeroy, Wash.
Jessop, Donald Henry.....	Portland, Or.
Johnson, Leslie Lloyd.....	Portland, Or.
Jones, Marion J.....	Portland, Or.
Kerron, Seth M., A. B.....	Portland, Or.
Leep, Roland Vivian.....	Myrtle Point, Or.
Leeston-Smith, Fred M.....	Portland, Or.
Liscum, C.....	Portland, Or.
Lockwood, Wm. Duncan, M. D.....	St. Joseph, Mo.
Loeding, Charles Franklin.....	Milwaukie, Or.
McCauley, J. Frank.....	Portland, Or.
McCown, Arthur Clifford.....	Prosser, Wash.
Miller, Dwight Franstone*.....	Portland, Or.
Miller, William J., B. S.....	Eugene, Or.
Morrow, E. V.....	Portland, Or.
Mount, Albert.....	Silverton, Or.

*Partial only.

Murphy, George Everett.....	Olympia, Wash.
Noyes, Allen Pendleton.....	Portland, Or.
Purcell, Michael Edwd.....	Coeur d'Alene, Ida.
Reith, John	Walla Walla, Wash.
Riggs, Geo. E.....	Vancouver, Wash.
Roach, Luman Samuel.....	Butte, Mont.
Roberts, Lafayette Oren	Portland, Or.
Rosenthal, Samuel E.....	Portland, Or.
Ross, Clarence Ansley.....	Lebanon, Or.
Rue, Homer Aldrich	St. Johns, Or.
Runnalls, Thos. Harris B.....	Puyallup, Wash.
Russell, Homer E.....	Seattle, Wash.
Rybke, Chas. Leicester.....	Portland, Or.
Shoot, Harry Everett.....	Kalama, Wash.
Simonson, Christian Joanes.....	Kendrick, Idaho
Spurrier, Ravena Lot.....	Portland, Or.
Stafrin, Christian Emil.....	Dalles, Or.
Stout, Wm. Taylor, B. S.....	McMinnville, Or.
Streit, Ernest Hamilton.....	Portland, Or.
Thompson, Alfred Winter.....	North Yakima, Wn.
Turnbull, Frederick Charles.....	New Zealand
Via, Guy Forrest.....	Forest Grove, Or.
Wang, Stanley Leon.....	Canby, Or.
Whiteaker, John Charles.....	Eugene, Or.
Wilcox, Clair C.....	Goldendale, Wash.
Younie, Arthur E.....	Sand Point, Idaho
Ziegelman, Edward Frank.....	Eureka, Cal.

GRADUATES

FOR

SESSION 1908-1909

AKIN, OTIS FRANKLIN
 CATHEY, GEORGE ANDREW
 DARBY, JAMES ALBERT
 DAVIS, RALPH FERREIN
 EASTLAND, HERBERT CLAIRE, A. B.
 GAMBEE, EDWIN EPHREM
 GRAHAM, JAMES PATTERSON
 HAILE, HOMER BROWN
 JESSOP, DONALD HENRY
 JOHNSON, LESLIE GLOYD
 KERRON, SETH METCALFE, A. B.
 RYBKE, CHARLES LEICESTER
 RUE, HOMER ALDRICH
 SPURRIER, RAVENNA T.
 VIA, GUY FORREST

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MEDICAL DEPARTMENT

PORTLAND, OREGON



TWENTY-FOURTH ANNUAL ANNOUNCEMENT

SESSION 1910-1911

THE REGENTS OF THE UNIVERSITY

William Smith, Baker City

Robert S. Bean, Portland

Milton A. Miller, Lebanon

Samson H. Friendly, Eugene

John C. Ainsworth, Portland

Nehemiah L. Butler, Monmouth

James W. Hamilton, Roseburg

Frederick V. Holman, Portland

Cyrus A. Dolph, Portland

OFFICERS OF THE REGENTS

Robert S. Bean, President

Stuart B. Eakin, Treasurer

L. H. Johnson, Secretary

EXECUTIVE COMMITTEE

R. S. Bean

Samson H. Friendly

Cyrus A. Dolph

J. C. Ainsworth

M. A. Miller

TWENTY-FOURTH ANNUAL ANNOUNCEMENT

OF THE

MEDICAL DEPARTMENT

OF THE

UNIVERSITY OF OREGON

LOVEJOY ^{AND} TWENTY-THIRD STREETS

PORTLAND, OREGON.

SESSION 1910-1911

THE REGULAR COURSE OF LECTURES WILL COMMENCE
MONDAY, SEPTEMBER 12, 1910,
AND CONTINUE UNTIL MAY 1, 1911.

PORTLAND, OREGON,
ANDERSON & DUNIWAY CO., PRINTERS
1910.

CALENDAR 1910-1911.

Regular course commences.....September 12, 1910
Fall examinations for removal of medical con-
ditions commence.....September 14, 1910
First semesterSeptember 12, 1910 to January 11, 1911
Opening lecture September 12, 8 a. m.
Thanksgiving Day—Holiday to following Monday, November 28, 1910
Christmas vacation, evening December 23, 1910, to January 3, 1911
Second semesterJanuary 12 to May 1, 1911
Washington's Birthday—Holiday.
Spring examinations during.....April, 1911
Commencement..... May 1, 1911

THE UNIVERSITY.

THE University of Oregon comprises the following colleges and schools:

GRADUATE SCHOOL.

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS.

General Courses in Liberal Arts.

Special Courses, including—

Course Preparatory to Medicine.

Course Preparatory to Law.

Course Preparatory to Journalism.

SCHOOL OF COMMERCE.

COLLEGE OF ENGINEERING.

Civil Engineering.

Electrical Engineering.

Railway Engineering.

Chemical Engineering.

SCHOOL OF EDUCATION.—A four years' course.

SUMMER SCHOOL.—A six weeks' course.

SCHOOL OF CORRESPONDENCE-STUDY.

SCHOOL OF MUSIC.—General Courses in Theory and Harmony,
Piano, Voice, Violin.

SCHOOL OF MEDICINE.—A four years' course.

SCHOOL OF LAW.—A three years' course.

HISTORICAL SKETCH.

The University of Oregon was established by act of the State Legislature, October 19, 1872, and located at Eugene. Deady Hall, the first University building, was erected by the citizens of Lane County, and presented to the Board of Regents in July, 1876. In September of the same year, the University opened its doors for the reception of students. The first class was graduated in June, 1878. Eugene is a rapidly growing city of 12,000 people. It is one of the most prosperous towns in Oregon. The School of Medicine and the School of Law are located in Portland.

The following buildings are located on the University grounds:

DEADY HALL, a three-story building. It contains the Biological and Physical laboratories, and the departments of Latin, Greek, Romance Languages, German, and Modern English Literature.

VILLARD HALL, erected in 1885, is an imposing cemented brick building, and contains the offices of the President, the Registrar, the Steward, the Assembly Hall of the University, the very valuable Condon geological collection, and the departments of Early English Literature, Geology, and Mathematics.

MCCLURE HALL was built in 1900. It is devoted to the department of Chemistry, and is admirably adapted to its purpose. It has three floors, with laboratory facilities for 200 students, and contains the latest appliances for research work in all lines of mining and of manufacturing chemistry. It has hoods and ventilators for carrying off gases, electric motors for operating machinery, and is modern in every respect. A part of the third floor for the present is used as class rooms in Mathematics, Psychology, and for the Psychological laboratory.

THE ELECTRICAL BUILDING, erected in 1901, contains the central heating and lighting plant of the University, and the class rooms and laboratories of the department of Electrical Engineering. The shops are run by electricity and are well equipped with tools and machinery.

THE TIMBER TESTING STATION was established in 1905. The Testing Laboratory is equipped with the latest machines and appliances necessary for testing the strength of timber, stone, and metals.

THE GIRLS' GYMNASIUM is a brick building, well fitted with suitable apparatus for the use of the women of the University only.

THE MEN'S DORMITORY, erected in 1893, is a three-story brick building, equipped with electric lights, steam heat, hot and cold baths, well-furnished parlors and every convenience for the comfort of its guests.

THE LIBRARY BUILDING, completed in June, 1907, is a two-story with basement building, of buff pressed brick.

MARY SPILLER HALL, erected in 1907, will accommodate about 20 girls. It is a two-story and basement building, modern in all respects, well heated and lighted and comfortably fitted for living.

ENGINEERING HALL was completed in February, 1909. It is a handsome two-story building, designed especially for engineering instruction. It houses all of the departments of Civil Engineering.

THE MEN'S GYMNASIUM. The new gymnasium for men is one of the best arranged on the Coast. It is fitted completely with all modern conveniences, the best apparatus, an indoor running track, a swimming pool, shower baths, lockers, etc.

The athletic field has a four-lap track surrounding a well-constructed football field. The grandstand and the bleachers will seat 3,500.

SCHOOL OF MEDICINE

FACULTY

- P. L. CAMPBELL, A. B., President of the University.
- HENRY E. JONES, M.D., Emeritus Professor of Clinical Gynecology.
- WILLIAM JONES, M. D., Emeritus Professor of Clinical Surgery.
- GEORGE MILTON WELLS, M. D., Emeritus Professor of Pediatrics.
- SIMEON EDWARD JOSEPHI, M. D., Dean of the Faculty; Professor of Obstetrics and Nervous Diseases.
- OTTO SALY BINSWANGER, PH. D., M. D., Professor of Chemistry and Toxicology.
- KENNETH ALEXANDER J. MACKENZIE, M. D., C. M., L. R. C. P. and L. R. C. S., Edin., Professor of Operative and Clinical Surgery.
- RICHARD NUNN, A. B., B. CH., M. D., Professor of Diseases of Eye, Ear, Nose and Throat.
- JAMES FRANCIS BELL, M. D., L. R. C. P., London, Professor of Theory and Practice of Medicine.
- ANDREW JACKSON GIESY, M.D., Professor of Clinical Gynecology.
- GEORGE FLANDERS WILSON, M. D., Professor of Principles and Practice of Surgery and Clinical Surgery.
- ERNEST FANNING TUCKER, A.B., M.D., Professor of Gynecology.
- EDMOND JOHN LABBE, M. D., Professor of Pediatrics.
- GEORGE BURNSIDE STORY, M. D., Adjunct Professor of Obstetrics.
- ALBERT EDWARD MACKAY, M. D., Professor of Genito-Urinary Diseases.
- JAMES CULLEN ZAN, M. D., Prof. of Materia Medica and Therapeutics.
- ROBERT CLARK YENNEY, M. D., Professor of Pathology.
- J. H. WILSON, PH. B., M. D., Acting Professor of Physiology and Embryology.
-Acting Professor of Anatomy and Histology.

SPECIAL LECTURERS

- CORTES HOLIDAY WHEELER, M. D., Lecturer on Hygiene.
- JAMES OSCAR WILEY, M. D., Lecturer on Physical Diagnosis.
- J. ALLEN GILBERT, PH. D., M.D., Lecturer on Clinical Medicine.
- RALPH CHARLES MATSON, M. D., Lecturer on Bacteriology.
- LUTHER H. HAMILTON, M.D., Lecturer on Electro-Therapeutics.
- FRANK M. TAYLOR, A.B., M.D. Lecturer on Dietetics, etc.
- J. C. ELLIOTT KING, A. B., M. D., Lecturer on Dermatology.

OTIS BUCKMINSTER WIGHT, A. B., M. D., Lecturer on Clinical Surgery and adjunct to Gynecology.

WILLIAM HOUSE, M. D., Lecturer on Medical Jurisprudence.

GEORGE F. KOEHLER, M. D., Lecturer on Diseases of Stomach and Intestines.

ROBERT L. GILLESPIE., M. D., Clinical Lecturer on Insanity, etc.

ALVIN W. BAIRD, M. D., Lecturer on Principles and Practice of Surgery.

C. J. McCUSKER, M. D., Lecturer on Hematology.

GEO. NORMAN PEASE, M. D., Lecturer on Operative Surgery.

C. W. KEENE, M. D., Lecturer on Orthopedic Surgery.

CLINICAL LECTURERS, MULTNOMAH COUNTY HOSPITAL.

GEORGE SHATTUCK WHITESIDE, M. D., Genito - Urinary Diseases.

RALPH A. FENTON, M. D., Ophthalmology and Oto-Laryngology.

RALPH C. MATSON, M. D., Tuberculosis and Vaccine Therapy.

ROBERT H. ELLIS, M. D., Obstetrics.

R. C. YENNEY, M. D., Internal Medicine.

J. C. ELIOT. KING, Dermatology.

LABORATORY DEMONSTRATORS.

LOUIS ARTHUR SHANE, M. D., Demonstrator of Anatomy.

THEODORE FESSLER, M. D., Laboratory Demonstrator of Chemistry.

GUY H. OSTRANDER, B. S., M. D., Laboratory Demonstrator of Pathology.

MARIUS BRECKENRIDGE MARCELLUS, B. S., M. D., Assistant Laboratory Demonstrator of Pathology.

WM. A. SHEA, M. D., Laboratory Demonstrator of Therapeutics.

GEORGE ANDREW CATHEY, M. D., Laboratory Demonstrator of Bacteriology.

Laboratory Demonstrator of Histology.

CLINICAL ATTENDANTS, FREE DISPENSARY

IN AFFILIATION WITH PEOPLE'S INSTITUTE, MEN'S RESORT AND VISITING
NURSES' ASSOCIATION

FOURTH AND BURNSIDE STREETS

K. A. J. MACKENZIE, M. D., CHIEF OF STAFF

INTERNAL MEDICINE

GEO. F. KOEHLER, M. D., DONALD JESSOP, M. D., G. N. PEASE,
M. D., OTIS F. AIKEN, M. D., N. W. JONES, M. D.

SURGERY

A. W. BAIRD, M. D., C. J. MCCUSKER, M. D., G. S. WHITESIDE,
M. D., O. B. WIGHT, M. D.

EYE, EAR, NOSE AND THROAT

G. FRENCH, M. D., F. A. KIEHLE, M. D.

OBSTETRICS AND GYNECOLOGY

E. TIMMS, M. D., R. H. ELLIS, M. D.

Twenty-fourth Annual Announcement.

THE Medical Department of the University of Oregon was established in 1887 by charter from the Regents of the University and is actually and not only nominally an integral part of the University. While it has a local government, through its medical faculty, it is under the control of the Regents to whom it is responsible, in both scholastic and financial matters.

It is a graded school, requiring from its students as a condition of graduation, attendance upon *four* full courses of lectures (of at least seven and one half months each) in a recognized medical college.

With the session of 1910-1911 the added requirement of at least one year of university work in Chemistry, Biology, Physics and one modern foreign language goes into effect. Particulars as to this as well as other information regarding entrance credits, credentials, etc., may be found under the head "Requirements for Admission" (*pages 26 to 28*).

Applicants for matriculation must procure credentials for admission from authorized sources outside this faculty. No entrance examinations will be held by any member of the medical faculty.

The opening lecture of the twenty-fourth regular annual session will be delivered at 8 a. m., Monday, September 12, 1910. Students are requested to be in attendance at the commencement of the session, so that they may not lose the benefit of knowledge to be derived from the opening lectures. Attendance upon lectures is obligatory in accordance with the rules laid down by the faculty and set forth in this catalogue.

Special examinations will be held beginning September 14, under the rules, for advancement to second, third, or fourth year standing for those entitled to re-examination, who failed to take the examinations or to attain the requisite number of credits in the Spring. Students who wish to take the Fall examinations must make application to the Dean previously and present themselves at the appointed time.

LOCATION.

The college building, located corner Twenty-third and Lovejoy streets, opposite Good Samaritan hospital, is furnished with the aids to medical education which modern advancement requires. Laboratories for chemical, histological, pathological, bacteriological, physiological and therapeutical work are provided, and arrangements made for special attention to these important practical departments. The dissecting laboratory is most conveniently arranged, is light and airy and is furnished with artificial stone tables and electric fixtures for artificial illumination. Valuable additions to the laboratory apparatus are being constantly made to keep pace with advanced methods of instruction. The lecture halls include a commodious amphitheatre.

The building is heated by hot water and is lighted by gas and electricity. The Twenty-third street electric cars pass the location every few minutes. To reach the college by this line take the Washington street car designated Twenty-third street. St. Vincent's hospital is only a short distance from the college, and with Good Samaritan hospital across the street the arrangement of college and hospitals for clinical work is a most convenient one.

HOSPITAL CLINICS.

Instruction in medicine and surgery, to be efficient, must consist largely of laboratory and clinical teaching, and no opportunities for the last named class of studies are in any sense equal to those offered by a general hospital.

Our connection, through members of the faculty, with St. Vincent's, Good Samaritan and Multnomah County hospitals, is such as to afford the most enlarged advantages for clinical instruction in the wards and operating rooms of those institutions, members of the staff of each being also members of the college teaching corps.

UNIVERSITY OF OREGON.

St. Vincent's hospital is located only a few blocks from the college building on a tract of five acres. It contains 500 beds and is admirably fitted, in other respects, with the most modern furnishings and appliances including six operating rooms in one of which is a commodious amphitheatre.

Good Samaritan Hospital is located just opposite the college building. It has recently added a large brick centre building and wing (representing an outlay of \$200,000.00) which with the portion of the older building still remaining contains 250 beds. A new operating room and amphitheatre, with the most modern equipment, affords fine clinical facilities.

These hospitals, with the Multnomah County Hospital, the location of which has been changed from the Canyon Road to Second and Hooker Streets in the city, where it is easily reached by street cars, and the hospital for Alaska insane, are rich in clinical material of all kinds, and afford opportunities for clinical work and instruction unequalled anywhere in the Northwest.

The close proximity of two of them to the college clusters the buildings for both didactic and clinical instruction, so as to make the facilities very convenient.

Clinics are held every day of each week during the session. Opportunities are given students to make diagnosis of disease and prescribe treatment therefor. Operations of endless variety are performed (in presence of the class), according to the most advanced methods of modern surgery. Students are detailed as assistants in many of these.

Special attention will be given to instructing the student in methods of examination for purposes of diagnosis of both medical and surgical cases and the use of appropriate instruments used for that purpose. "Clinic Conferences" in both Medicine and Surgery have proved very beneficial to the students.

Dispensary clinics will be held daily at the out-patient department, Burnside and Fourth Streets, where a well organized free dispensary is conducted by this school in affiliation with the People's Institute, Men's Resort and Visiting Nurse's Association. These clinics will be attended by Doctors Koehler, Jessop, Pease and Aiken in internal medicine; Doctors Baird, McCusker, Whiteside and Wight

in Surgery; Doctor Kiehle in Ophthalmology and Otolaryngology and Doctor Ellis in Gynecology.

For attendance upon these dispensary clinics, Juniors and Seniors are apportioned in sections so as to interfere as little as practicable with their other work.

Obstetrical clinics are held during the senior year. Each senior student will be given an opportunity to attend and conduct, under proper supervision, cases of midwifery. This affords undergraduates a practical knowledge of midwifery, which must prove of great value in their future professional work. An out-patient obstetrical service has been established to which seniors will be detailed under supervision.

The hospitals already established and in successful operation for many years present excellent facilities for the study of diseases at the bedside, and this branch of instruction will receive the very careful attention of the staff of clinical lecturers connected with the college.

Portland's geographical position is such that its hospitals receive patients from the surrounding territory over a large area of country, and the types of both medical and surgical diseases met with are as various as those to be found in much larger cities.

The faculty, while not disparaging the value of didactic lectures, makes the system of clinical instruction and laboratory work occupy a prominent place in the curriculum. It will be the aim of its members to make the instruction in all departments complete and efficient.

In addition to didactic and clinical lectures, instruction will be given by practical work in the dissecting rooms and laboratories, and by repeated oral examinations.

The laboratory courses will include a large amount of practical work by the students in histology, pathology, bacteriology, physiology, materia medica, therapeutics and electro-therapeutics. Such work being under the personal direction of laboratory demonstrators.

Reference to the plan of lectures will indicate the time which will be devoted to this work.

Much attention is given to the "quiz" or recitation feature of the didactic lectures. Under our system, markings for recitations throughout the session are considered in marking the percentage on final examinations.

DEPARTMENTS.

CHEMISTRY AND TOXICOLOGY.

During the first and second years Prof. Binswanger will treat these subjects with special attention to the fundamental principles of Chemistry, Medical and Physiologic Chemistry, Physics and Poisons.

The lectures will be fully illustrated by experiments, and a well equipped chemical laboratory will aid materially in the practical instruction of students in urinalysis and other chemical examinations. A course of practical laboratory work by students is an essential of the requirements. Both Freshmen and Sophomores will do laboratory work. Dr. Theo. Fessler will demonstrate in the laboratory for Freshmen.

MATERIA MEDICA AND THERAPEUTICS

Prof. Jas. C. Zan will direct attention during first and second years to remedial agents and to the actions of medicines proper, with particular reference to their practical application. Specimens of the various medicines will be exhibited to the class and laboratory work in Materia Medica and Therapeutics will be given by the demonstrator Dr. W. A. Shea. Electro-therapeutics, will be given both didactically and clinically by Drs. Taylor and Hamilton. Dietetics will be treated by Dr. Taylor.

PHYSIOLOGY.

Lectures upon this subject will be delivered during first and second years by Acting Prof. J. N. Wilson who has been engaged as a salaried instructor and who will devote his entire time to the school in Physiology. These lectures will be illustrated by demonstrations and laboratory methods which will occupy a prominent place. Embryology will be fully covered in this course.

ANATOMY.

*Acting Prof. also a salaried instructor who will devote his entire time to the subject, will give instruction in General and Descriptive Anatomy and Histology. This subject will be considered during first and second years and finished at the end of the second year. The lectures and recitations will be illustrated by actual dissec-

* Negotiations to fill this chair are in progress but not yet concluded.

tions, charts and drawings, and special attention will be given to the surgical relations of the subject. The amphitheatre affords improved facilities for anatomical lectures from the cadaver. During the first year a special course on Osteology and Syndesmology will be completed.

Dissecting material is abundant, so that no shortage need be apprehended, arrangements being already in practice for storage of material during the summer months.

Demonstrators will be on duty daily (except Saturday) as per schedule of lectures, and attention will be given to dissections during first and second years.

HYGIENE.

Dr. Wheeler will deliver a course on Hygiene during the first and second years. The subject will be treated from a practical standpoint. Preventive medicine and sanitary science will receive the attention they so well deserve.

EMBRYOLOGY.

Embryology will be treated in the lectures of Profs. J. N. Wilson, Tucker and Story; the first giving laboratory demonstrations.

MICROSCOPY AND HISTOLOGY.

Acting Prof. will deliver a practical course on the use of the microscope and histology and will demonstrate the technique of this work during the first year. The new laboratories are fully equipped and afford excellent opportunities for thorough laboratory work by the students, who will make their own mountings, under proper supervision, for permanent preservation.

PATHOLOGY.

This course includes the study of microscopical examinations of pus, blood, urine, tumors and other tissue structures, etc., and post mortem work and medical zoology.

Pathology is taught by Prof. Yenney in the Sophomore and Junior years. In the Sophomore year, two hours each week for ten weeks are devoted to laboratory work. During the first and greater portion of the second semester, the Sophomores attend two didactic lectures each week, until the subject of general pathology has been covered.

Drs. Ostrander and Marcellus will demonstrate technique in the laboratory.

The Junior class attends two didactic lectures each week throughout the entire year. General pathology is reviewed,

the remaining time being given to special pathology. During the Junior year two hours each week is devoted to laboratory work, which includes examination of microscopical sections, gross pathological specimens and post mortems.

Everything is done to make the course as practical as possible and to give the students a thorough working knowledge of the subject.

OBSTETRICS.

This subject, will be taught during second, third and fourth years. Profs. Josephi and Story will illustrate the lectures upon this branch by manikins, charts, diagrams, specimens, clinical work in the hospital maternity wards and out-patient cases. All the principal obstetric operations will be demonstrated and members of the class will be required to perform operations and instrumental applications on the manikin before the class. Fourth year students will receive instruction by clinical methods and labor cases in hospital and out-patient service will be entrusted to individual members of the senior class under proper direction, thus insuring an eminently practical knowledge of this important branch.

BACTERIOLOGY.

Dr. Ralph C. Matson will deliver practical lectures with laboratory work on Bacteriology to third year students.

The Bacteriological Laboratory is supplied with all the necessary apparatus and material for a very full course.

Each student will receive instruction in Bacteriological technique including best methods of examining sputum, staining, etc., culture media and their preparation, and different bacteria will be cultivated and studied, such as those of Typhoid, Diphtheria, Cholera, Tubercle, etc. Dr. Ralph Matson will also give demonstrations in Clinical Microscopy. Dr. G. A. Cathey will assist in demonstrating the subject.

DERMATOLOGY AND SYPHILIS.

Dr. J. C. E. King will deliver lectures on Dermatology and Syphilis during the third year. The exhibition of illustrative cases and clinics at Multnomah County Hospital will form a prominent feature. Dr. Whiteside will conduct a clinic in the out-patient department and cases will also be shown at County Hospital.

GYNECOLOGY.

This branch will be taught during third and fourth years by Prof. Tucker, by lectures and case-taking experiences. Practical instruction will be given in manual and instrumental examinations and operations for the diagnosis and treatment of diseases peculiar to women. Clinics will be held at Free Dispensary and hospitals. Dr. Wight will assist Prof. Tucker in the presentation of this subject.

SURGERY.

Surgery in all its various branches will be taught during the third and fourth years as per outline by means of systematic lectures and operations in the presence of the class. In addition there will be demonstrations of all the details of bandaging, dressings, and the application of the various forms of apparatus used in the treatment of diseases, accidents and deformities, including fractures and dislocations. Members of the graduating class will have opportunities to assist in operations and for practice in minor surgery, bandaging, etc. All the usual surgical operations will be demonstrated on the cadaver in the college amphitheatre in a special course by Dr. G. N. Pease.

Prof. Geo. F. Wilson will give his attention chiefly to fractures and bone lesions. Dr. Baird will call attention to Principles and Practice of Surgery; Dr. Keene to Orthopedic Surgery and Prof. Tucker to Abdominal Surgery in his course on Gynecology.

A special practical course will be given in explanation and demonstration of the X-ray in the diagnosis and treatment of disease by Drs. Taylor and Hamilton.

Clinics in Surgery will also be given by Prof. K. A. J. Mackenzie, Prof. Geo. F. Wilson, Dr. Otis B. Wight and the County Hospital and Free Dispensary staff. Prof. Mackenzie will deliver a clinical course upon Operative Surgery and Prof. Wilson will give special attention to clinics on dislocations, fractures and fracture apparatus. Dr. Wight will give special attention to minor surgery and the details of dressings, bandages, etc.

THEORY AND PRACTICE OF MEDICINE.

During the third and fourth years, as per outline, Prof. Bell will bring into prominence, in this branch,

the essentials of theoretical and practical medicine, dwelling more particularly upon those subjects which will be likely to prove of most substantial use to the young practitioner, while not neglecting theoretical essentials. Teaching in this branch will be illustrated by clinics at the hospitals and Free Dispensary. Prof. Labbe will deliver lectures upon Diseases of Children. Prof. Josephi upon Insanity and Diseases of the Nervous System. Dr. Wheeler upon Hygiene and Dr. J. O. C. Wiley upon Physical Diagnosis. Prof. Bell and Drs. J. A. Gilbert and the County Hospital Staff will hold medical clinics at St. Vincent's and County Hospitals. Dr. R. L. Gillespie will hold clinics on Insanity at Crystal Springs Sanitarium. Dispensary clinics will be conducted daily at the Free Dispensary, Fourth and Burnside Streets, by the dispensary staff. Dr. Koehler will give a special course on diseases of stomach and intestines with practical demonstration of methods of examination.

Other special clinics will be held as announced from time to time during the progress of the course.

GENITO-URINARY DISEASES.

Prof. Mackay will, in addition to clinics on Genito-Urinary Surgery at the Good Samaritan Hospital, give instruction in Genito-Urinary Diseases and Syphilis, illustrated by preparation, models, drawings and lantern. The different types of urethroscopes and cystoscopes will be shown and explained and the commendable modern instruments will be used in the clinics as opportunities are presented. Clinics also at Dispensary and County Hospital by Dr. Whiteside.

PHYSICAL DIAGNOSIS.

Dr. J. O. C. Wiley will give special instruction on this important subject, giving prominence to topographical examinations, exemplary sounds, etc., using clinical material for demonstrations. Clinics at hospitals.

DISEASES OF THE NERVOUS SYSTEM.

Lectures on Nervous Diseases including Insanity will be delivered by Prof. Josephi during third and fourth years. In this course special Nervous Diseases not included in the lectures of others will be dwelt upon. Clinics at hospitals

and out-patient department. A special clinical course on Insanity will be given by Dr. Gillespie.

OPHTHALMOLOGY, OTOTOLOGY, RHINOLOGY AND LARYNGOLOGY.

Prof. Nunn will deliver lectures upon these subjects to third and fourth year students and will give special attention to methods of diagnosis and treatment of diseases of the parts involved. Practical clinical training in these branches and in the use of the ophthalmoscope, specula, laryngoscope and instruments for local applications, will be given. Clinics in Good Samaritan Hospital by Dr. Nunn; at County Hospital by Dr. Ralph Fenton and at Free Dispensary by Dr. Kiehle.

PEDIATRICS.

Prof. E. J. Labbe will bring before the students during fourth year a full consideration of the disorders incident to infancy and childhood. The subjects of infant feeding and prophylaxis will receive proper attention.

MEDICAL JURISPRUDENCE.

Dr. Wm. House will deliver lectures embracing the more essential points of this interesting branch of medicine during the third and fourth years.

MICROSCOPES.

All laboratory students will be required to furnish themselves with microscopes. To those not possessing instruments the college will rent one microscope to two students at a rental charge for the session of \$5.00 against each of such students, payable in advance. The two students to whom the instrument is rented will be held responsible for its return in good order.

LIBRARY.

A medical library, known as "The R. B. Wilson Library" has been established at the college building. The nucleus for this is a gift of the medical libraries of the late Dr. R. B. Wilson and Dr. Rodney Glisan. This has been added to and will be further enlarged from time to time. Students will be allowed the use of books (not to be removed from the building) under such rules as the college may prescribe.

NOTE.—All students are *privileged* to attend all *didactic* lectures, but only such as are laid down in the schedule are compulsory.

The following is an outline of the work :

FRESHMAN YEAR.

Anatomy, with dissections,
General Chemistry, with laboratory work,
Materia Medica and Pharmacy, with laboratory work,
Physiology, with laboratory work,
Microscopy and Histology, with laboratory work,
Hygiene and Public Health.
Embryology,
Dietetics,

Examinations at the end of the year in Osteology and Syndesmology,
Histology, Principles of Chemistry, Elementary Materia Medica,
Physiology (Prox. Principles, the Blood and Digestion) Embryology.

SOPHOMORE YEAR.

Anatomy, with dissections: finished,
General Pathology, with laboratory work,
Physiology, with laboratory work, finished,
Embryology, with laboratory work,
Chemistry, with laboratory work; finished,
Materia Medica, Pharmacology and Therapeutics; finished,
Hygiene and Public Health; finished,
Obstetrics (Pelvic Anatomy, Embryology and Normal Labor).
Dietetics,

Examinations at the end of the year: Anatomy (final); General Pathology; Physiology (final); Chemistry (final); Materia Medica and Therapeutics (final); Hygiene; Dietetics; Obstetrics (Pelvic Anatomy, Embryology and Normal Labor.)

JUNIOR YEAR.

Theory and Practice of Medicine, General Therapeutics,
Principles and Practice of Surgery and Bandaging,
Pathology with Laboratory Work,
Bacteriology, with Laboratory Work,
Pediatrics, Ophthalmology and Otology,
Dermatology, Obstetrics,
Gynecology, Medical Jurisprudence,
Genito-Urinary Diseases, Nervous Diseases.
Physical Diagnosis, Clinics.

Examinations in Principles of Medicine: Principles of Surgery; Pathology (final); Gynecology; Physical Diagnosis; Obstetrics; Dermatology; Diseases of Genito-Urinary Organs; Ophthalmology and Otology, Bacteriology (final),

SENIOR YEAR.

Medical Jurisprudence,
Theory and Practice of Medicine,
Principles and Practice of Surgery,
Military and Operative Surgery,
Clinics all.
Gynecology,
Genito Urinary Diseases,
Ophthalmology and Otology,
Obstetrics, Clinics,
Rhinology and Laryngology,
Pediatrics,
Insanity and Diseases of Nervous System.
Examinations: Final in above.

SCHEDULE OF LECTURES, 1910-1911. FRESHMAN YEAR.—FIRST SEMESTER.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8:00-9:00	Chemistry. Prof. Binswanger.			Chemistry. Prof. Binswanger.	Materia Medica Prof. Zan.	Chemistry. Prof. Binswanger.
9:00-10:00	Physiology. Prof. J. H. Wilson	Anatomy Prof.	Physiology Prof. J H. Wilson	Anatomy. Prof.	Physiology. Prof. J. H. Wilson	Anatomy. Prof.
10:00-12:00	{ Daily from Sept. 15 to Nov. 30.			Physiology { Prof. J. H. Wilson { Daily from Laboratory } Nov. 30 to Jan. 13		
1:00-2:00	Osteology, etc. Dr.	Materia Medica Prof. Zan	Anatomy Laboratory	After Nov. 30 Histology Dr.	After Nov. 30 Histology Dr.	
2:00-3:00	Anatomy Laboratory	Anatomy Laboratory		Materia Medica Therapeutics Laboratory. Dr. Shea		
3:00-4:00				Anatomy Laboratory	Chemistry Laboratory. Dr. Fessler	
4:00-5:00				Anatomy, Demonstrations. Dr. Shane or Dr.	Anatomy, Demonstrations. Dr. Shane or Dr.	Anatomy, Demonstrations. Dr. Shane or Dr.
5:00-6:00	Anatomy, Demonstrations. Dr. Shane or Dr.	Anatomy, Demonstrations. Dr. Shane or Dr.	Anatomy, Demonstrations. Dr. Shane or Dr.	Anatomy, Demonstrations. Dr. Shane or Dr.	Anatomy, Demonstrations. Dr. Shane or Dr.	

The right of the faculty to modify the schedule is reserved.

SCHEDULE OF LECTURES, 1910-1911. FRESHMAN YEAR.—SECOND SEMESTER.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8:00-9:00	Chemistry. Prof. Binswanger.			Chemistry. Prof. Binswanger.	Materia Medica Prof. Zan.	Physiology, Prof. J. H. Wilson
9:00-10:00	Physiology. Prof. J. H. Wilson	Anatomy. Prof.	Hygiene and Public Health. Dr. Wheeler.	Anatomy. Prof.	Physiology. Prof. J. H. Wilson	Anatomy. Prof.
10:00-12:00	Embryology—Prof. J. H. Wilson Daily Feb. 1 to April 15					
	Physiology { Prof. J. H. Wilson { Daily from Laboratory { Jan. 13 to Jan. 31					
1:00-2:00	Osteology, etc. Dr.	Materia Medica Prof. Zan	Dietetics Dr. Taylor	Histology Dr.	Histology Dr.	
2:00-3:00	Anatomy Laboratory	Anatomy Laboratory	Anatomy Laboratory	Materia Medica Prof. Zan.	Chemistry, Laboratory. Dr. Fessler	
3:00-4:00				Anatomy Laboratory		
4:00-5:00						
5:00-6:00	Anatomy. Demonstrations. Dr. Shane or Dr.	Anatomy, Demonstrations. Dr. Shane or Dr.	Anatomy, Demonstrations. Dr. Shane or Dr.	Anatomy, Demonstrations. Dr. Shane or Dr.	Anatomy, Demonstrations. Dr. Shane or Dr.	

The right of the faculty to modify the schedule is reserved.

SCHEDULE OF LECTURES, 1910-1911. SOPHOMORE YEAR.—FIRST SEMESTER.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8:00-9:00	Chemistry. Prof. Binswanger.	Materia Medica Prof. Zan.		Chemistry. Prof. Binswanger.	Materia Medica Prof. Zan.	Chemistry. Prof. Binswanger.
9:00-10:00	Physiology. Prof. J. H. Wilson	Anatomy. Prof.	Physiology. Prof. J. H. Wilson	Anatomy Prof.	Physiology. Prof. J. H. Wilson	Anatomy. Prof.
10:00-12:00	Physiology, { Prof. J. H. Wilson Daily from Nov. 30 to Jan. 13. Laboratory, { 10 to 12 except Tuesdays and 11 to 12 Prof. Yenney lectures Tuesdays and Thursdays, Sept. 16 to Feb. 17					
1:00-2:00	Obstetrics. Prof. Story	Anatomy Laboratory			Obstetrics. Prof. Story	Anatomy Laboratory
2:00-3:00					Materia Medica and Therapeutics. Laboratory. Dr. Shea.	
3:00-4:00					Anatomy, Demonstrations. Dr. Shane or Dr.	
4:00-5:00					Chemistry, Laboratory. Prof. Binswanger	Anatomy, Demonstrations. Dr. Shane or Dr.
5:00-6:00	Anatomy, Demonstrations. Dr. Shane or Dr.	Anatomy, Demonstrations. Dr. Shane or Dr.				Anatomy, Demonstrations. Dr. Shane or Dr.

The right of the faculty to modify the schedule is reserved.

SCHEDULE OF LECTURES, 1910-1911. SOPHOMORE YEAR.—SECOND SEMESTER.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8:00-9:00	Chemistry. Prof. Binswanger.	Materia Medica Prof. Zan		Chemistry. Prof. Binswanger.	Materia Medica Prof. Zan.	Physiology. Prof. Story.
9:00-10:00	Physiology. Prof. J. H. Wilson	Anatomy. Prof.	Hygiene and Public Health Dr. Wheeler	Anatomy. Prof.	Physiology. Prof. J. H. Wilson	Anatomy. Prof.
10:00-12:00	Physiology, { Prof. J. H. Wilson Daily Jan. 13 to Jan. 31. Laboratory, { Pathology, { Prof. Yenney. Daily Feb. 1 to April 15. except Tuesdays and Thursdays, when 10 to 11; 11 to 12 to Feb. 17, Prof. Yenney.					
1:00-2:00	Obstetrics. Prof. Josephi.		Dietetics Dr. Taylor.	Obstetrics. Prof. Josephi.	Obstetrics. Dr. Josephi.	
2:00-3:00				Materia Medica Prof. Zan		
3:00-4:00	Anatomy Laboratory			Anatomy Demonstrations, Dr. Shane or Dr.	Anatomy Laboratory	
4:00-5:00				Chemtry, Laboratory Prof. Binswanger.		
5:00-6:00	Anatomy. Demonstrations. Dr. Shane or Dr.	Anatomy, Demonstrations, Dr. Shane or Dr.	Anatomy. Demonstrations Dr. Shane or Dr.		Anatomy, Demonstrations, Dr. Shane or Dr.	

The right of the faculty to modify the schedule is reserved.

SCHEDULE OF LECTURES, 1910-1911.—JUNIOR YEAR.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY	FRIDAY.	SATURDAY.
9:00-10:00	Prin. and Practice of Medicine. Prof. Bell.	Clinic Surgery. Prof. Mackenzie.	Prin. and Practice of Medicine. Prof. Bell.	Surgical Clinic Conference. St. Vincent's Hosp. Prof. Mackenzie.	Prin. and Practice of Medicine. Prof. Bell.	Clinic Surgery. Prof. Mackenzie.
10:00-11:00	Clinic or Lecture. Prof. Mackay.	Nervous Diseases. Prof. Josephi.	Prin. and Practice of Surgery. Dr. Baird	Dermatology. Dr. King. Second Semester.	Prin. and Practice of Surgery. Dr. Baird	Pathology. Laboratory or Autopsies. Prof. Yenney
11:00-12:00	Gynecology. Prof. Tucker.	Pathology. Prof. Yenney.	Gynecology. Prof. Tucker.	Pathology. Prof. Yenney.	Clinic or Lecture. Prof. Mackay.	Dr. Ostrander and Marcellus
1:00-2:00	Obstetrics. 1st Semester Prof. Story 2nd Semester Prof. Josephi.	Clinical Haematology Dr. McCusker 1st Semester 1 to 3 Stomach and Intestines Dr. Koehler 2nd Semester Operative Surgery 1st & 3d Tuesdays. Prof. Mackenzie or Dr. Baird Medical Clinic. 2d & 4th Tuesdays. Dr. Gilbert. 2nd Semester	Medical Clinic, St. Vincents Hosp. Prof. Bell.	Obstetrics. 1st Semester Prof. Story 2nd Semester Prof. Josephi.	Obstetrics. 1st Semester Prof. Story 2nd Semester Prof. Josephi	Clinics at Multnomah County Hospital, 1-2 Dr. King except When Clinics announced at Crystal Springs Hospital. Dr. Gillespie
2:00-3:00	Physical Diagnosis. Dr. J. O. C. Wiley		Operative Surgery. Dr. Pease	Surgical Clinic Good Samaritan Hospital Prof. G. F. Wilson	Ophthalmology and Ology. Prof. Nunn.	
3:00-4:00	Bacteriology with Laboratory Work Dr. Ralph Matson			4 P. M. Med. Jurisprudence Dr. House Second Semester.	Bacteriology with Laboratory Work Dr. Ralph Matson	
4:00-5:00						
5:00-6:00						

Clinics at Free Dispensary every week day, 1 to 2 to be attended by students as announced.

N.B.—Additional clinics, not to interfere with regular lecture hours, as may be announced from time to time.

The right of the faculty to modify the schedule is reserved.

SCHEDULE OF LECTURES, 1910-1911.—SENIOR YEAR.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9:00-10:00	Prin. and Practice of Medicine Prof. Bell.	Operative Surgery. Prof. Mackenzie.	Prin. and Practice of Medicine Prof. Bell.	Surgical Clinic Conference.	Prin. and Practice of Medicine. Prof. Bell.	Operative Surgery. Prof. Mackenzie.
10:00-11:00	Clinic or Lecture. Prof. Mackay.	Nervous Diseases Prof. Josephi.	1st Semester Dr. Baird Prin. and Practice of Surgery.	St. Vincent's Hosp. Prof. Mackenzie.	Prin. and Practice of Surgery 2nd Semester Orthopedic Surgery Dr. Kene	
11:00-12:00	Lecture or Clinic, Electro-Therapeutics. Dr. Taylor.	1st Semester Abdominal Surgery Clinic Gynecology Prof. Tucker	Pediatrics. Prof. Labbe	Surgical Clinic, St. Vincent's Hosp. Dr. Wight.	Clinic or Lecture. Prof. Mackay.	
1:00-2:00	Medical Clinic, St. Vincents Hosp. Dr. Gilbert.	Stom'ch-Intestines Dr. Koehler 2nd Semester.	Medical Clinic, St. Vincents Hosp. Prof. Bell	Surgical Clinic Good Samaritan Hospital	Medical Clinic, St. Vincents Hosp. Dr. Gilbert.	
2:00-3:00	Physical Diagnosis. Dr. J. O. C. Wiley	Operative Surgery 1st & 3d Tuesdays. Prof. Mackenzie or Dr. Pease, Medical Clinic. 2d & 4th Tuesdays. Dr. Gilbert.	Operative Surgery Dr. Pease	Prof. G. F. Wilson	Ophthalmology Otolology, etc. Prof. Nunn.	Clinics at Multnomah County Hospital; 12-1 Dr. Baird 1-2—Dr. Whiteside 2-3— except when Clinics announced at Crystal Springs Hospital. Dr. Gillespie
3:00-4:00					4:00 to 5:00 Dr. House County Hospital Clinics.	
4:00-5:00	4:30 to 5:30 County Hospital Clinics.			4 P. M. Med. Jurisprudence Dr. House Second Semester.	5:00 to 6:00 Prof. Yenney	
5:00-6:00	Dr. Ralph Fenton	Clinic, Eye, Ear, Nose and Throat. Prof. Nunn.	Clinic, Electro-Therapeutics. Dr. Hamilton. Second Semester.			

Clinics at Free Dispensary every week day, 1-2 to be attended by sections as announced.

Obstetrical clinics for Seniors will be announced in alphabetical rotation for G. S. Hospital, County Hospital and out-service.
N. B.—Additional clinics, not to interfere with regular lecture hours, as may be announced from time to time.

The right of the faculty to modify the schedule is reserved.

TEXT BOOKS.

The following list of books is given as a guide to the student (latest editions preferred):

FOR STUDY		FOR REFERENCE
Anatomy	Gray.	Morris, Cunningham.
Physiology	Howell.	American Text Book
Chemistry	Withaus.	Bartley, Sadtler and Trimble.
	Hill.	
	Purdy Pract.	
Materia Medica.....	Urinalysis. etc.	Butler, Shoemaker, Sollman.
	White & Wilcox.	
Surgery.....	Wharton &	International Text Book.
	Curtis.	Senn's Principles of Surgery, Da Costa.
	Bickham's Text Book of Operative Surgery, Binney.	
Theory and Practice..	Forcheimer on Treatment	
	Anders Tyson,	
Diagnosis	Osler, Edwards	
	Cabot.	Da Costa.
Obstetrics ...	Hirst or	
	Williams.	
Diseases of Children..	Fischer Ruhrah.	Holt, Koplik, Cotton.
Gynæcology	Dudley.	Montgomery, Hirst, Ashton, Penrose.
Ophthalmology	Swanzy.	Noyes, Buck, Fuhs.
Otology Laryngology..	Bishop's Dis. of	
	Ear, Nose and Throat	
Histology	Piersol.	Stohr, Ferguson.
Pathology..	Stengel.	Mallory & Wright.
Dermatology	Stelwagon.	Kaposi, Crocker, Hyde & Montgomery.
Toxicology	Taylor.	
Orthopædic Surgery...	Sayre.	
Nervous diseases and	Church & Peter-	Gowers, Dana, Krafft-Ebing.
Insanity	son.	
Genito-Urinary	Keyes,	White & Marten, Taylor.
	Diseases	
Medical Jurisprudence	Lydston.	
Hygiene	F. W. Draper.	A. N. Taylor, Wharton and Stille.
Bacteriology	Bergey	
Electro-Therapeutics...	Muir & Ritchie.	Abbott, Levy & Klemperer, McFarland.
Dietetics	A. D. Rockwell	Medical and Surgical Electricity.
	Friedenwald & Ruhrah	
	Diet in Health.	
Embryology.....	Balfour, McMurck, Minot.	
Medical Dictionary.		

Reference to page 17 will indicate books needed in the respective years.

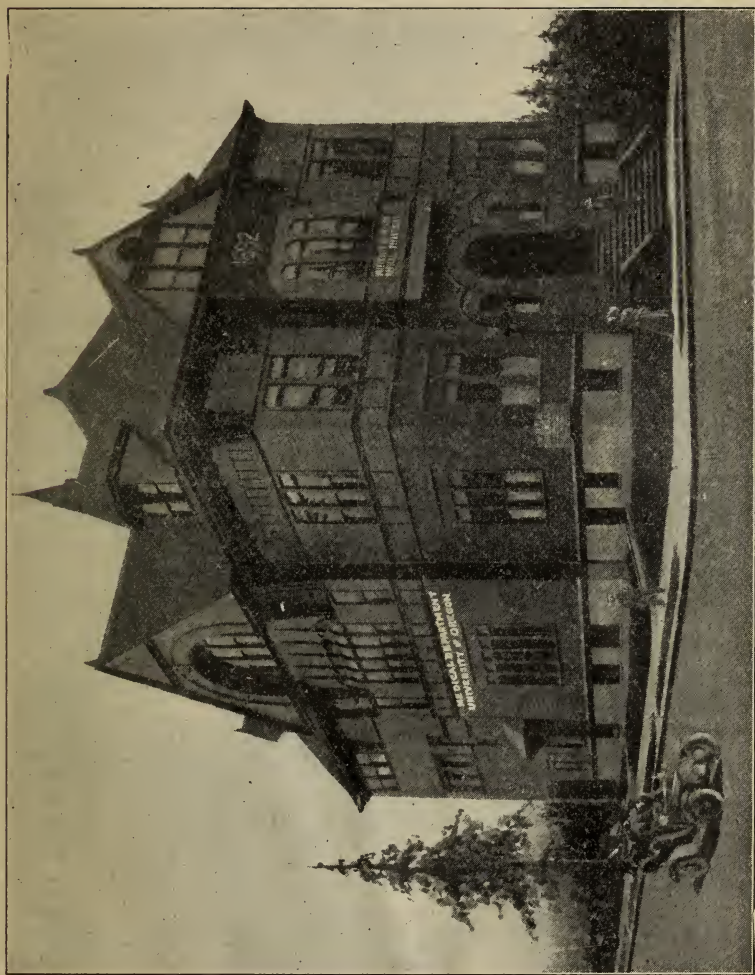
Cost of books varies according to subjects, binding, etc. As the inquiry is often made it may be stated here that the average cost is for Freshmen, \$35.00

Sophomores having the Freshmen books, \$13.00 Juniors, \$35.00

Seniors having the Junior books, \$12.00

HOSPITAL APPOINTMENTS.

The college recommends for eight appointments each year of house surgeons, five to the Good Samaritan Hospital, three to St. Vincent's Hospital, both in Portland. Information regarding these appointments will be furnished by the Dean on application. Each appointment is for one year, during which time board and lodging will be furnished free at the hospital. An excellent opportunity is thus afforded to the graduate to round out the college course by acquiring in the wards of a well equipped hospital, without any expense, practical knowledge by clinical experience and actual practice.



MEDICAL DEPARTMENT OF THE UNIVERSITY OF OREGON.

PRIZES.

SAYLOR MEDAL.

The Saylor Gold Medal founded by the late Prof. Saylor and now maintained by the Faculty, will be awarded to the graduate who shall have obtained the highest total of credits for the four year's work (whether taken in regular sequence or not.) Provided: Credits in medical subjects shall have been obtained in some department or departments of the University of Oregon, and the student's mark in his first examination in any subject or part of a subject (whether or not he passes the subject at that examination) shall be the mark considered in making up his total in competition for the medal.

THE ANATOMY MEDAL.

The Anatomy Gold Medal, will be awarded to the undergraduate who obtains the highest total mark in Anatomy in final examination in that branch. This mark is the total of Osteology, Histology and Anatomy, including dissections. Provided such mark is obtained in the University of Oregon under conditions similar to those governing the Saylor Medal. The medal will be presented to the winner only at the time of graduation from this college.

MEDALISTS 1909-10.

SAYLOR MEDAL—Samuel Edward Rosenthal, M. D.
ANATOMY MEDAL—Edward Frank Ziegelman.

REQUIREMENTS FOR ADMISSION.

1. (a) A bachelor's degree from an approved college or university, including at least one year's work in Physics, Chemistry, Biology, and a modern foreign language; or else

(b) A diploma from an accredited high school, normal school or academy requiring for admission evidence of the completion of an 8-year course in primary and intermediate grades, and for graduation not less than four years of study embracing not less than two years (4 points) of foreign language, of which one must be Latin, two years (4 points) of mathematics, two years (4 points) of English, one year (2 points) of history, two years (4 points) of laboratory science, and six years (12 points) of further credit in language, literature, history or science; and in addition to such diploma a certificate from a university or college that applicant has satisfactorily passed examination covering one year's work of nine months (as taught in a university) in the subjects of Physics, Chemistry, Biology, and a modern foreign language (preferably German); or else

(c) A certificate from a recognized examiner (a recognized examiner being one approved and acceptable to the State or City Superintendent of Public Instruction) or from any state board of medical examiners duly authorized by law, that applicant has satisfactorily passed examinations in subjects sufficient to cover 30 points of high school or academic work (one such point in any subject demands not less than what is covered in five periods per week of forty-five minutes each for eighteen weeks) together with the certificate named in division (b) above from a university or college for one year of work in the subjects stated.

Of the 30 points referred to above in division (c) 20 points must be as follows: Mathematics (4 points); English (4 points); History (4 points); Language, (2 must be Latin), 4 points; Science (taken from physics, chemistry, botany, zoology), 4 points.

(See outline of Portland High School course, page 27.)

The other 10 points may be supplied from the following in addition to what is set forth for the compulsory 20 points, to make the required number: English, 2 points; History, 4 points; Language, 6 points; Manual Training, 2 points; Mechanical Drawing, 1 point; Natural Science (botany, biology, zoology), 2 points; Physical Science (chemistry, physics), 2 points; Trigonometry, 1 point; Astronomy (1), Civics (1), Geology (1), Physical Geography (1), Physiology and Hygiene (1), Political Economy (1).

In no case will entrance examinations be conducted by any person connected with the faculty of this medical school.

A student may be allowed to enter on his medical work conditioned in not more than six points, to be selected from high school or university work; but these conditions must be removed by satisfactory examination before he is allowed to enter on the second year of his medical course.

4.—The official credentials presented by students from other colleges having at least the standard requirements of this college, may be honored, excepting for the fourth year of their course, but no student will be admitted to advanced standing without a direct communication from the college from which such student desires to withdraw, certifying to the applicant's professional and moral qualifications, and to the exact work he has done in said college.

5.—Candidates for the degree of Doctor of Medicine shall have attended four courses of study in four calendar years, each annual course to have been of not less than thirty teaching weeks' duration, and at least ten months shall intervene between the beginning of any course and the beginning of the preceding course.

6.—Credit may be given to the holder of a Bachelor's Degree from an approved college or university for any work in the medical branches which he has successfully completed in his college course, only so far as it is the full equivalent of corresponding work in the medical curriculum. The holder of such Bachelor's Degree may also be given time credits of not exceeding one year, provided that such student has had at least 40 hours in physics, 144 hours in chemistry, 24 hours in osteology, 292 hours in human or comparative anatomy, 124 hours in histology, 85 hours in embryology, 145 hours in physiology, and 46 hours in materia medica; provided, that the applicant for such time credits satisfies the professors of the chairs mentioned in the medical school as to his proficiency in these first-year medical studies, and satisfies the examiner, as provided for in 2, (supra), that his studies for which the degree was conferred include the above requirements. Such student may be allowed to complete a course for the medical degree in not less than 31 months, provided he completes the remainder of the medical curriculum in that time.

As a sample of the work to be done as an equivalent of a four years' high school classical course for which credit for 30 points may be given, the following is submitted from the modified curricula of the Portland High School:

HIGH SCHOOL LATIN COURSE.

TERMS	1	2	3	4
Mathematics	Algebra.....	Algebra.....	Algebra.....	Plane Geometry
Science.....	Physiography or Zoology.....	Physiography or Zoology.....	Botany.....	Botany.....
History.....	Oriental & Greek	Roman.....	Mediaeval.....	Modern.....
	Literature Composition Rhetoric and Grammar.....	Literature Composition Rhetoric and Grammar.....	Literature Composition Rhetoric and Grammar.....	Literature Composition Rhetoric and Grammar.....
English.....	Latin Lessons....	Latin Lessons ...	Caesar.....	Caesar
Latin.....				
TERMS	5	6	7	8
Mathematics	Plane Geometry	Solid Geometry	Trigonometry....	Higher Algebra
Science.....	Physics.....	Physics.....	Chemistry.....	Chemistry.....
History.....	English.....	English.....	American.....	American.....
	Literature Composition Rhetoric and Grammar.....	Literature Composition Rhetoric and Grammar.....	Literature Composition Rhetoric and Grammar.....	Literature Composition and Rhetoric.....
English.....	Cicero.....	Cicero.....	Virgil.....	Virgil and Ovid
Latin.....				

1. Minimum in Latin—First, Second, Third and Fourth Terms.
2. Of the remaining four subjects, maximum work must be taken in two, and not less than minimum in the others to make 30 points, or work terms.

Pamphlet of particulars of text books and extent of subject matter will be furnished on application to Dean's office.

Before admission, every student is required to furnish a satisfactory certificate of good moral character, signed by two reputable physicians and to obtain the Dean's receipt for the payment of the matriculation fee. It will therefore be necessary for the applicant to present himself at the office of the Dean, register his name as a student in the Medical Department, pay his matriculation fee, and arrange for payment of his regular fees at the time of matriculation. New students will be assigned seats in the order of date of matriculation. Certificates for entrance may be submitted to the Dean for approval at any time and the student's name listed; but matriculation will not take place until the date of the opening of the matriculation book, September 1st.

REGULATIONS REGARDING EXAMINATIONS.

A percentage of 75 is required for passing from grade to grade in all subjects.

The estimate of the standing of each student is based both upon the general character of his work and upon the results of his examination. Students failing to attend 80 per cent. of all exercises in any subject are considered to have failed in that subject, and will not be credited for examination therein.

Students who have failed in not to exceed two subjects are permitted to continue the work of their class when they shall have passed re-examination in those subjects at the beginning of the next college year. Failing to pass this re-examination in at least one of such subjects will necessitate repetition of the whole year's work. Students who have failed in three subjects are not admitted to re-examination, but are required to take the whole year's work over again, including those subjects in which they may have passed.

Conditions will be permitted only from preceding year in regular sequence.

No student will be admitted to the Senior year with a full major or more than one minor condition. In all re-examinations no percentage grades over 75 are given; the student either passes or fails.

Students who for three successive years fail to secure advanced standing will not be permitted to continue their studies in the college.

Fourth year students are required to pass in all subjects before receiving the degree of Doctor of Medicine.

For a final passing mark students must attain an average of 75 per cent., and not fall below 70 per cent. in any one chair in the work of the entire course.

Those who fail in one or two subjects will be admitted to re-examination in those subjects at the beginning of the following regular term. If they pass, they will receive the degree at the next succeeding commencement.

Examinations will be conducted by numbers and not by names of students, so that the identity of the student shall not be known to the examiner.

REQUIREMENTS FOR GRADUATION.

The candidate for the degree of Doctor of Medicine must be of good moral character and twenty-one years of age. He must have studied medicine four years, including attendance upon lectures, and attended in a regular medical college authorized to confer the degree of M. D., four full courses of lectures, of at least seven and one-half months' each, no two of which shall have been delivered within twelve months, (unless admitted to advanced standing as above) the last of which must have been in this college; and must exhibit his tickets or other adequate evidence of attendance to the Dean of the Faculty. He must present to the Dean satisfactory evidence of having dissected the entire cadaver. He must have attended at least two courses of Dissections and Clinical Instruction. He must present to the Dean satisfactory evidence of time of study, laboratory work and moral character. He must have passed successfully the examinations prescribed by the Faculty and have paid all fees due the College.

The degree will not be conferred upon any candidate who absents himself from the public commencement exercises without special permission of the Faculty.

The diploma given to graduates is that of the University of the State of Oregon, duly signed by the President and Secretary of the Board of Regents, as well as by the Medical Faculty.

Women will be admitted to matriculation, instruction and graduation on the same terms as men.

COLLEGE EXPENSES.

ALL FEES ARE PAYABLE IN ADVANCE. In a *limited* number of cases some accommodation may be given, but such will be granted in order of application and *must be arranged for at time of matriculation*. Otherwise all fees, except examination fees, must be paid in advance. Fees are not returnable unless, in the judgment of the faculty, circumstances justify.

All students whose work is in the *chemical* or *physiological* laboratory will be required to deposit \$3.00 and those in the *histological*, *pathological* or *bacteriological* laboratory \$5.00 for breakage. *These fees must be paid before the student will receive credit for any laboratory work.* With the exception of \$2.00 for each laboratory course, these fees are returnable if no breakage is charged. Dissecting material \$3.00 per part.

To those who enter at beginning of first year:

First year: Matriculation	\$ 5 00
Fee for course	130 00
One-quarter examination fee	7 50
Second year: Fee for course	130 00
One-quarter examination fee	7 50
Third year: Fee for course	100 00
One-quarter examination fee	7 50
Fourth year: Fee for course	50 00
One-quarter examination fee	7 50

To those who enter beginning of second year (not having taken a course in this college):

Second year: Matriculation	5 00
Fee for course	130 00
One-third examination fee	10 00
Third year: Fee for course	130 00
One-third examination fee	10 00
Fourth year: Fee for course	75 00
One-third examination fee	10 00

To those who enter beginning of third year (not having taken a course in this college):

Third year: Matriculation	5 00
Fee for course	130 00
One-half examination fee	15 00
Fourth year: Fee for course	100 00
One-half examination fee	15 00

To those who enter beginning of fourth year (not having taken a course in this college):

Fourth year: Matriculation	5 00
Fee for course	120 00
Examination fee	30 00

\$50 per session will be charged students who continue in attendance after having failed to obtain the degree at the end of their normal final year.

One full scholarship and two half-scholarships are open to graduates of the University of Oregon with the degree of A. B. or B. S., of not more than two years standing. Particulars will be furnished upon application to Prof. Josephi, Portland.

BOARDING.

Good board with rooms and all the usual accommodations, can be obtained in the vicinity of the college at reasonable rates.

DIRECTIONS TO THE STUDENT.

Students will matriculate at the office of the Dean, Prof. S. E. Josephi, Dekum Building, Third and Washington streets, Portland, Or.

For further particulars address

S. E. JOSEPHI, M. D., Room 610 Dekum Bldg.,

Third and Washington Sts., PORTLAND, OREGON.

CATALOGUE OF STUDENTS

FOR

SESSION 1908-09.

Adams, Darrel Goodrich.....	Portland, Or.
Adams, Frederick, B. S.....	Roseburg, Or.
Anderson, Edgar Harris.....	Portland, Or.
Anderson, Gilbert Emanuel.....	Medford, Or.
Barendrick, Wm. Harrison.....	Portland, Or.
Barrett, Ira Ellis.....	Hillsboro, Or.
Bisaillon, James Marr.....	Portland, Or.
*Beach, Cordelia Dodson.....	Portland, Or.
Bolcom, Daisy Fluellin	Seattle, Wash.
Borland, Walter Allen.....	Tacoma, Wash.
Brooke, Banner Raymond, A. B.....	Portland, Or.
Brooke, Lloyd Wesley.....	Portland, Or.
Brown, Elwin.....	Tacoma, Wash.
Brous, Cecil Else.....	Portland, Or.
Butler, Willis Dole.....	Monmouth, Or.
Canfield, Henry Augustus, Jr.....	Seattle, Wash.
Carl, Geo. G.....	Pendleton, Or.
Cathey, Collins Flint.....	Corvallis, Or.
Clerf, Louis Henry.....	Ellensburg, Wash.
Coberth, L. Thompson	Portland, Or.
Cohoon, Brock Edwin.....	Iowa.
*Collette, Allan	Montesano, Wash.
Dinsmore, Jno. B.....	Eugene, Or.
Forrest, Merle Verne.....	McMinnville, Or
Gale, Arthur.....	Baker City, Or.
Gaunt, Geo. G.....	Clemons, Iowa.
Gillis, James Burton.....	Walla Walla, Wash.
Glenn, Mary Margaret.....	Oak Grove, Or.
Graffis, Robert St. Clair.....	Portland, Or.
Hughes, John	Portland, Or.
Jacob, Mary Leona	Portland, Or.
Jones, Hinton Denny	Seattle, Wash.
Jones, Marion J.....	Portland, Or.
Leep, Roland Vivian	Myrtle Point, Or.
Leonard, Hubert Francis	Illinois.
Liscum, Christopher	Portland, Or.
Loeding, Charles Franklin.....	Milwaukie, Or.
McCauley, J. Frank.....	Portland, Or.
McCown, Arthur Clifford.....	Prosser, Wash.
*Meyer, Alfred	Portland, Or.
Miller, Dwight Franstone.....	Portland, Or.
Miller, William J., B. S.....	Eugene, Or.
Moore, Harry Beaumont.....	Portland, Or.
Moore, Howard Clayton, A. B.....	Portland, Or.
Morrow, Earle V.....	Portland, Or.
Mount, Albert	Silverton, Or.
Murphy, George Everett.....	Olympia, Wash.
Neuberger, Julius Frederick.....	Portland, Or.
Nichols, Fred Graham.....	Seattle, Wash.
Noyes, Edward Allen, Jr.....	Portland, Or.

*Partial only.

Noyes, Allen Pendleton.....	Portland, Or.
*Pearson, Shurl Raymond.....	Salem, Or.
Purcell, Michael Edwd.....	Coeur d'Alene, Ida.
Reith, John	Walla Walla, Wash.
Rinehart, Harvey Earle, B. S.	The Dalles, Or.
Riggs, Geo. E.....	Vancouver, Wash.
Roach, Luman Samuel.....	Butte, Mont.
Roberts, Nathaniel Embrey.....	Springfield, Or.
Roberts, Lafayette Oren	Portland, Or.
Rosenthal, Samuel E.....	Portland, Or.
Ross, Clarence Ansley.....	Lebanon, Or.
Runnalls, Thos. Harris B.....	Puyallup, Wash.
Russell, Homer E.....	Seattle, Wash.
*Schwartz, Harry	Portland, Or.
Shannon, Harry McKay F.....	Ireland.
Sharkey, Ralph Louis	Portland, Ore.
Shoot, Harry Everett.....	Kalama, Wash.
Stafrin, Christian Emil.....	Dalles, Or.
Stout, Wm. Taylor, B. S.	McMinnville, Or.
Streit, Ernest Hamilton.....	Portland, Or.
*Swackhamer, Edith Fernald.....	Union, Or.
Swackhamer, Walter Byrd	Union, Or.
Thiel, Henry Frederick	Seattle, Wash.
Van Cleave, Archie Clifford, B. S.	Baker City, Or.
*Walker, Charles Henry.....	Tacoma, Wash.
Wang, Stanley Leon.....	Canby, Or.
Wellman, Graham Ormond	New York.
Whiteaker, John Charles.....	Eugene, Or.
Wilcox, Clair C.....	Goldendale, Wash.
Younie, Arthur E.....	Sand Point, Idaho
Ziegelman, Edward Frank.....	Eureka, Cal.

*Partial only.

GRADUATES

FOR

SESSION 1909-1910

BROOKE, BANNER RAYMOND, A. B.
 CARL, GEORGE GRAHAM
 DINSMORE, JOHN BELL
 FORREST, MERLE VERNE
 GAUNT, GEORGE GARBER
 GALE, ARTHUR
 GRAFFIS, ROBERT ST. CLAIR
 JONES, MARION JACOBS
 McCAULEY, JAMES FRANK
 MILLER, WILLIAM JOHN
 MORROW, EARL VINCENT
 ROSENTHAL, SAMUEL EDWARD
 RUSSELL, HOMER ETHNOLD
 WHITEAKER, JOHN CHARLES
 WILCOX, CLAIR CLARION

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of
Oregon.

Med. Dept.

1911-12

UNIVERSITY OF OREGON

MEDICAL DEPARTMENT

UNIVERSITY OF ILLINOIS

PORTLAND, OREGON

PRESIDENT'S OFFICE

THE LIBRARY
OF THE
UNIVERSITY OF ILLINOIS



OCT 1911

TWENTY-FIFTH ANNUAL ANNOUNCEMENT

SESSION 1911-1912

THE REGENTS OF THE UNIVERSITY

William Smith, Baker City

Robert S. Bean, Portland

Milton A. Miller, Lebanon

Samson H. Friendly, Eugene

John C. Ainsworth, Portland

James W. Hamilton, Roseburg

Frederick V. Holman, Portland

Cyrus A. Dolph, Portland

Chas. S. Fisher, Eugene

A. C. Dixon, Eugene

OFFICERS OF THE REGENTS

Robert S. Bean, President

Stuart B. Eakin, Treasurer

L. H. Johnson, Secretary

EXECUTIVE COMMITTEE

R. S. Bean

Samson H. Friendly

Cyrus A. Dolph

J. C. Ainsworth

M. A. Miller

TWENTY-FIFTH ANNUAL ANNOUNCEMENT

UNIVERSITY OF ILLINOIS

OF THE

MEDICAL DEPARTMENT

PRESIDENT'S OFFICE

OF THE

UNIVERSITY OF OREGON

LOVEJOY AND TWENTY-THIRD STREETS

PORTLAND, OREGON.

SESSION 1911-1912

THE REGULAR COURSE OF LECTURES WILL COMMENCE .
MONDAY, OCTOBER 2, 1911,
AND CONTINUE UNTIL JUNE 2, 1912.

PORTLAND, OREGON,
ANDERSON & DUNIWAY Co., PRINTERS
1911.

CALENDAR 1911-1912.

Receiving admission credentials and listing for matriculation during Summer vacation.

Matriculation book opens.....Monday, September 18, 1911

Regular course commences.....Monday, October 2, 1911

Fall examinations for removal of medical conditions

commence.....Wednesday, October 4, 1911

First semester.....October 2, 1911, to January 31, 1912

Opening lecture.....Monday, October 2, 8 a. m.

Thanksgiving Day—Holiday to following Monday, November 30, 1911

Christmas vacation, evening December 23, 1911, to January 3, 1912

Lectures resumed.....Morning January 3, 1912

Second semester.....February 1, to June 2, 1912

Washington's Birthday—Holiday.....February 22, 1912

Spring examinations during.....May, 1912

Conferring of degree at University, Eugene, at regular

commencement, about.....June 20, 1912

THE UNIVERSITY.

THE University of Oregon comprises the following colleges and schools:

GRADUATE SCHOOL.

COLLEGE OF LITERATURE, SCIENCE, AND THE ARTS.

General Courses in Liberal Arts.

Special Courses, including—

Course Preparatory to Medicine.

Course Preparatory to Law.

Course Preparatory to Journalism.

SCHOOL OF COMMERCE.

COLLEGE OF ENGINEERING.

Civil Engineering.

Electrical Engineering.

Railway Engineering.

Chemical Engineering.

SCHOOL OF EDUCATION.—A four years' course.

SUMMER SCHOOL.—A six weeks' course.

SCHOOL OF CORRESPONDENCE-STUDY.

SCHOOL OF MUSIC.—General Courses in Theory and Harmony

Piano, Voice, Violin.

SCHOOL OF MEDICINE.—A four years' course.

SCHOOL OF LAW.—A three years' course.

HISTORICAL SKETCH.

The University of Oregon was established by act of the State Legislature, October 19, 1872, and located at Eugene. Deady Hall, the first University building, was erected by the citizens of Lane County, and presented to the Board of Regents in July, 1876. In September of the same year, the University opened its doors for the reception of students. The first class was graduated in June, 1878. Eugene is a rapidly growing city of over 9000 people. It is one of the most prosperous towns in Oregon. The School of Medicine and the School of Law are located in Portland.

The following buildings are located on the University grounds:

DEADY HALL, a three-story building. It contains the Biological and Physical laboratories, and the departments of Latin, Greek, Romance Languages, German, and Modern English Literature.

VILLARD HALL., erected in 1885, is an imposing cemented brick building, and contains the offices of the President, the Registrar, the Steward, the Assembly Hall of the University, the very valuable Condon geological collection, and the departments of Early English Literature, Geology, and Mathematics.

McCLURE HALL was built in 1900. It is devoted to the department of Chemistry, and is admirably adapted to its purpose. It has three floors, with laboratory facilities for 200 students, and contains the latest appliances for research work in all lines of mining and of manufacturing chemistry. It has hoods and ventilators for carrying off gases, electric motors for operating machinery, and is modern in every respect. A part of the third floor for the present is used as class rooms in Mathematics, Psychology, and for the Psychological laboratory.

THE ELECTRICAL BUILDING, erected in 1901, contains the central heating and lighting plant of the University, and the class rooms and laboratories of the department of Electrical Engineering. The shops are run by electricity and are well equipped with tools and machinery.

THE TIMBER TESTING STATION was established in 1905. The Testing Laboratory is equipped with the latest machines and appliances necessary for testing the strength of timber, stone, and metals.

THE GIRLS' GYMNASIUM is a brick building, well fitted with suitable apparatus for the use of the women of the University only.

THE MEN'S DORMITORY, erected in 1893, is a three-story brick building, equipped with electric lights, steam heat, hot and cold baths, well-furnished parlors and every convenience for the comfort of its guests.

THE LIBRARY BUILDING, completed in June, 1907, is a two-story with basement building, of buff pressed brick.

MARY SPILLER HALL, erected in 1907, will accommodate about 20 girls. It is a two-story and basement building, modern in all respects, well heated and lighted and comfortably fitted for living.

ENGINEERING HALL was completed in February, 1909. It is a handsome two-story building, designed especially for engineering instruction. It houses all of the departments of Civil Engineering.

THE MEN'S GYMNASIUM. The new gymnasium for men is one of the best arranged on the Coast. It is fitted completely with all modern conveniences, the best apparatus, an indoor running track, a swimming pool, shower baths, lockers, etc.

The athletic field has a four-lap track surrounding a well-constructed football field. The grandstand and the bleachers will seat 3,500.

SCHOOL OF MEDICINE

FACULTY

P. L. CAMPBELL, A. B., President of the University.

HENRY E. JONES, M. D., Emeritus Professor of Clinical Gynecology.

WILLIAM JONES, M. D., Emeritus Professor of Clinical Surgery.

GEO. MILTON WELLS, M. D., Emeritus Professor of Pediatrics.

ANDREW JACKSON GIESY, M. D., Emeritus Professor of Gynecology.

SIMEON EDWARD JOSEPHI, M. D., Dean of the Faculty; Professor of Obstetrics and Nervous Diseases.

OTTO SALY BINSWANGER, Ph. D., M. D., Professor of Chemistry and Toxicology.

KENNETH ALEXANDER J. MACKENZIE, M. D., C. M., L. R. C. P. and L. R. C. S., Edin., Professor of Operative and Clinical Surgery.

RICHARD NUNN, A. B., B. Ch., M. D., Professor of Diseases of Eye, Ear, Nose and Throat.

JAMES FRANCIS BELL, M. D., L. R. C. P., London, Professor of Theory and Practice of Medicine.

GEORGE FLANDERS WILSON, M. D., Professor of Principles and Practice of Surgery and Clinical Surgery.

ERNEST FANNING TUCKER, A. B., M. D., Professor of Gynecology.

EDMOND JOHN LABBE, M. D., Professor of Pediatrics.

GEORGE BURNSIDE STORY, M. D., Adjunct Professor of Obstetrics.

ALBERT EDWARD MACKAY, M. D., Professor of Genito-Urinary Diseases.

JAMES CULLEN ZAN, M. D., Professor of Materia Medica and Therapeutics.

ROBERT CLARK YENNEY, M. D., Professor of Pathology.

DAVID NATHANIEL ROBERG, M. D., Professor of Anatomy.

JOHN DICE MACLAREN, M. S., M. D., Professor of Physiology.

SPECIAL LECTURERS

JAMES OSCAR WILEY, M. D., Lecturer on Physical Diagnosis.

J. ALLEN GILBERT, Ph.D., M.D., Lecturer on Clinical Medicine.

RALPH CHARLES MATSON, M. D., Lecturer on Bacteriology.

FRANK M. TAYLOR, A. B., M. D., Lecturer on Dietetics.

J. C. ELLIOTT KING, A. B., M. D., Lecturer on Dermatology.

OTIS BUCKMINSTER WIGHT, A. B., M. D., Lecturer Adjunct to Gynecology.

WILLIAM HOUSE, M. D., Lecturer on Medical Jurisprudence.

GEORGE F. KOEHLER, M. D., Lecturer on Diseases of Stomach and Intestines.

ALVIN W. BAIRD, M. D., Lecturer on Principles and Practice of Surgery.

C. J. McCUSKER, M. D., Lecturer on Hematology.
 GEO. NORMAN PEASE, M. D., Lecturer on Operative Surgery.
 OTIS FRANKLIN AKIN, M. D., Lecturer on Orthopedic Surgery.
 FRED ZIEGLER, M. D., Lecturer on Minor Surgery.
 RALPH WALKER, M. D., Lecturer on Electro-Therapeutics.
 CALVIN WHITE, M. D., Lecturer on Hygiene.

CLINICAL LECTURERS, MULTNOMAH COUNTY HOSPITAL.

GEO. SHATTUCK WHITESIDE, M. D., Genito-Urinary Diseases.
 RALPH A. FENTON, M. D., Ophthalmology and Oto-Laryngology.
 RALPH C. MATSON, M. D., Tuberculosis and Vaccine Therapy.
 ROBERT H. ELLIS, M. D., Obstetrics.
 R. C. YENNEY, M. D., Internal Medicine.
 J. C. ELIOT. KING, M. D., Dermatology.

HARRY A. START, M. D., Clinical Obstetrics; out-patients.

LABORATORY DEMONSTRATORS.

C. J. McCUSKER, M. D.; O. F. AKIN, M. D., and DONALD JESSOP, M. D., Demonstrators of Anatomy

THEODORE FESSLER, M. D., Laboratory Demonstrator of Chemistry.

MARIUS BRECKENRIDGE MARCELLUS, B. S., M. D., Laboratory Demonstrator of Pathology.

A. N. CREADICK and W. E. SMITH, Assistant Laboratory Demonstrators of Pathology.

WM. A. SHEA, M. D., Laboratory Demonstrator of Therapeutics

GEORGE ANDREW CATHEY, M. D., Laboratory Demonstrator of Bacteriology.

_____, Laboratory Demonstrator of Histology.
 SAMUEL EDWARD ROSENTHAL, M. D., Laboratory Demonstrator of Physiology.

_____, Laboratory Demonstrator of Physiological Chemistry.

CLINICAL ATTENDANTS, FREE DISPENSARY.

IN AFFILIATION WITH PEOPLE'S INSTITUTE, MEN'S RESORT AND VISITING
 NURSES' ASSOCIATION

FOURTH AND BURNSIDE STREETS

K. A. J. MACKENZIE, M. D., CHIEF OF STAFF

INTERNAL MEDICINE

GEO. F. KOEHLER, M. D., DONALD JESSOP, M. D., G. N. PEASE, M. D., OTIS F. AKIN, M. D., N. W. JONES, M. D.

SURGERY.

A. W. BAIRD, M.D., C. J., McCUSKER, M.D., G. S. WHITESIDE, M.D.

EYE, EAR, NOSE AND THROAT

G. FRENCH, M. D., F. A. KIEHLE, M. D.

OBSTETRICS AND GYNECOLOGY

MARY MacLACHLAN, M. D., R. H. ELLIS, M. D.

PEDIATRICS

E. J. LABBE, J. B. BILDERBACK.

Twenty-fifth Annual Announcement.

THE Medical Department of the University of Oregon was established in 1887 by charter from the Regents of the University and is in fact as well as name part of the University. While it has a local government, through its medical faculty, it is under the control of the Regents to whom it is responsible, in both scholastic and financial matters.

It is a graded school, requiring from its students as a condition of graduation, attendance upon **four** full and regular courses of lectures in a recognized medical college.

The special appropriation by the Legislature of twenty thousand dollars for operation of the Medical Department of the University for the two years, 1911 and 1912, and ten thousand dollars for equipment, furnishing and supplies for laboratories enables the school to offer improved facilities in its curriculum for the ensuing session. In addition to the two full time salaried professors (in Anatomy and Physiology) carried last session, two more on same basis will be added (one in Pathology and one in Materia Medica and Pharmacology). It is proposed to add another pair for the following session, when we shall have six salaried instructors devoting their entire time to the interests of the school.

All the laboratories will receive a largely increased equipment and a full corps of assistants provided to demonstrate the work.

Two weeks have been added to the length of the session, which now includes full eight months.

The custom of conferring the degree in Portland has been abandoned, it being thought more proper that the degree shall be conferred at the University at Eugene at the regular time for conferring other degrees of the University. The inconvenience and slight expense to the student incident to going to Eugene are, we think, amply justified by the advantage of closer relationship.

The date for opening the sessions has been advanced to the first Monday in October, so that the date for close of examinations may leave but a short interval before commencement. This interval may well be taken advantage of by the graduating class for review of early class subjects in preparation for State Board examination.

With the session of 1910-1911 the added requirement of at least one year of university work in Chemistry, Biology, Physics

and one modern foreign language went into effect. Particulars as to this as well as other information regarding entrance credits, credentials, etc., may be found under the head "Requirements for Admission" (pages 27 to 28).

Applicants for matriculation must procure credentials for admission from authorized sources outside this faculty. No entrance examinations will be held by any member of the medical faculty.

The opening lecture of the twenty-fifth regular annual session will be delivered at 8 a. m., Monday, October 2, 1911. Students are requested to be in attendance at the commencement of the session, so that they may not lose the benefit of knowledge to be derived from the opening lectures. Attendance upon lectures is obligatory in accordance with the rules laid down by the faculty and set forth in this catalogue.

Special examinations will be held beginning October 4, under the rules, for advancement to second, third or fourth year standing for those entitled to re-examination, who failed to take the examinations or to attain the requisite number of credits in the Spring. Students who wish to take the Fall examinations must make application to the Dean previously and present themselves at the appointed time.

LOCATION.

The college building is located corner Twenty-third and Lovejoy streets, opposite Good Samaritan Hospital. Laboratories for chemical, histological, pathological, bacteriological, physiological and therapeutical work are provided, and arrangements made for special attention to these important practical departments. The dissecting laboratory is most conveniently arranged, is light and airy and is furnished with artificial stone tables and electric fixtures for artificial illumination. Valuable additions to the laboratory apparatus are being constantly made to keep pace with advanced methods of instruction. The lecture halls include a commodious amphitheatre.

The building is heated by hot water and is lighted by gas and electricity. The Twenty-third street electric cars pass the location every few minutes. To reach the college by this line take the Washington street car designated Twenty-third street. St. Vincent's Hospital is only a short distance from the college, and with Good Samaritan Hospital across the street the arrangement of college and hospitals for clinical work is a most convenient one. Multnomah County Hospital is convenient to car lines and within easy distance.

HOSPITAL CLINICS.

Instruction in medicine and surgery, to be efficient, must consist largely of laboratory and clinical teaching, and no opportunities for the last named class of studies are in any sense equal to those offered by a general hospital.

Our connection, through members of the faculty, with St. Vincent's, Good Samaritan and Multnomah County Hospitals, is such as to afford the most enlarged advantages for clinical instruction in the wards and operating rooms of those institutions, members of the staff of each being also members of the college teaching corps.

St. Vincent's Hospital is located only a few blocks from the college building on a tract of five acres. It contains 500 beds and is admirably fitted, in other respects, with the most modern furnishings and appliances, including six operating rooms, in one of which is a commodious amphitheatre.

Good Samaritan Hospital is located just opposite the college building. It has recently added a large brick centre building and wing (representing an outlay of \$200,000.00) which with the portion of the older building still remaining contains 250 beds. A new operating room and amphitheatre, with the most modern equipment, affords fine clinical facilities.

These hospitals, with the Multnomah County Hospital, the location of which has been changed from the Canyon road to Second and Hooker streets in the city, where it is easily reached by street cars, are rich in clinical material of all kinds, and afford opportunities for clinical work and instruction unequaled anywhere in the Northwest.

The close proximity of two of them to the college clusters the buildings for both didactic and clinical instruction, so as to make the facilities very convenient.

Clinics are held every day of each week during the session. Opportunities are given students to make diagnosis of disease and prescribe treatment therefor. Operations of endless variety are performed (in presence of the class), according to the most advanced methods of modern surgery. Students are detailed as assistants in many of these.

Special attention will be given to instructing the student in methods of examination for purposes of diagnosis of both medical and surgical cases and the use of appropriate instruments used for that purpose. "Clinic conferences" in both Medicine and Surgery have proved very beneficial to the students.

Dispensary clinics will be held daily at the out-patient department, Burnside and Fourth streets, where a well organized

free dispensary is conducted by this school in affiliation with the People's Institute, Men's Resort and Visiting Nurse's Association. These clinics will be attended by Doctors Koehler, Jessop and Akin in internal medicine; Doctors Baird, McCusker, Whiteside and Pease in Surgery; Doctor Kiehle in Ophthalmology and Oto-Laryngology; Doctor Ellis in Gynecology and Doctors Labbe and Bilderback in Pediatrics. Clinics in tuberculosis are conducted by Doctor Matson.

For attendance upon these dispensary clinics, Juniors and Seniors are apportioned in sections so as to interfere as little as practicable with their other work.

Obstetrical clinics are held during the Senior year. Each Senior student will be given an opportunity to attend and conduct, under proper supervision, cases of midwifery. This affords undergraduates a practical knowledge of midwifery, which must prove of great value in their future professional work. An out-patient obstetrical service has been established to which Seniors will be detailed under supervision.

The hospitals already established and in successful operation for many years present excellent facilities for the study of diseases at the bedside, and this branch of instruction will receive the very careful attention of the staff of clinical lecturers connected with the college.

Portland's geographical position is such that its hospitals receive patients from the surrounding territory over a large area of country, and the types of both medical and surgical diseases met with are as various as those to be found in much larger cities.

The faculty makes the system of clinical instruction and laboratory work occupy a prominent place in the curriculum. It will be the aim of its members to make the instruction in all departments complete and efficient.

In addition to didactic and clinical lectures, instruction will be given by practical work in the dissecting rooms and laboratories, and by repeated oral examinations.

The laboratory courses will include a large amount of practical work by the students in histology, pathology, bacteriology, physiology, materia medica, therapeutics and electro-therapeutics. Such work being under the personal direction of laboratory demonstrators.

Reference to the plan of lectures will indicate the time which will be devoted to this work.

Much attention is given to the "quiz" or recitation feature of the didactic lectures.

CHEMISTRY AND TOXICOLOGY

During the first year Professor Binswanger will lecture on Inorganic Chemistry, paying special attention to the fundamental principles of Chemistry and Physics. His course of lectures will include all the more important elements and the inorganic compounds which they may form.

During the second year he will lecture on Organic Chemistry and Toxicology. This course will comprise briefly the general properties of Hydro-Carbons, Alcohols, Aldehydes, Ketones, Fats, Coaltar compounds, Carbo-Hydrates, Amines, Amides, Glucosides and Alkaloids. Special attention will be paid to the mode of obtaining these compounds.

The subject of Toxicology will be treated didactically as well as clinically and chemically.

The lectures will be fully illustrated by experiments, and a well equipped chemical laboratory will aid materially in the practical instruction of students in urine analysis and other chemical examinations. A course of practical laboratory work by students is an essential of the requirements. Both Freshmen and Sophomores will do laboratory work.

Doctor Fessler will demonstrate in the laboratory for Freshmen.

PHYSIOLOGY

The courses in Physiology are directed by Professor John Dice MacLaren, a salaried instructor.

The physiology laboratory has been improved and the modern equipment increased.

The first year's work is largely devoted to Physiological Chemistry, with lectures, laboratory work and quizzes on the subjects necessary to its comprehension. Doctor will be the laboratory demonstrator to the first year students. A final examination in Physiological Chemistry will be given at the end of the first year.

The second year's work includes Physiological Physics and Psychology, with lectures, laboratory work and quizzes. Doctor Rosenthal will act as laboratory demonstrator to the second year students. A final examination in Human Physiology will be given at the end of the second year.

The work of the third and of the fourth years is devoted to Clinical Physiology, including Haematology, the use of the physiological methods and of apparatus of precision, in the diagnosis of disease, with class demonstrations of the more recent researches in Physiology. A final examination in Clinical Physiology will be given at the end of the fourth year.

MATERIA MEDICA AND THERAPEUTICS

Professor will direct attention during first and second years to remedial agents and to the actions of medicines proper, with particular reference to their practical application. Specimens of the various medicines will be exhibited to the class and laboratory work in Materia Medica and Therapeutics will be given by the demonstrator, Doctor W. A. Shea. Electro-therapeutics will be given both didactically and clinically by Doctor Walker. Dietetics will be treated by Doctor Taylor.

ANATOMY

Professor David N. Roberg, a salaried instructor, who will devote his entire time to the subject, will give instruction in general and descriptive Anatomy and Histology. This subject will be considered during the first and second years and finished at the end of the second year. The lectures will be demonstrated from actual dissections, charts and drawings, and special attention will be given to the surgical relations of the subject. The amphitheatre affords improved facilities for anatomical lectures from the cadaver.

Dissecting material is abundant, so that no shortage need be apprehended, arrangements being already in practice for storage of material during the Summer months.

Demonstrators will be on duty daily (except Saturday) as per schedule of lectures, and attention will be given to dissections during the first and second years.

COURSES OF INSTRUCTION IN ANATOMY

Gross and microscopic anatomy of human central nervous system and sense organs.—A lecture and laboratory course on the structure of the nervous system and organs of special sense. Laboratory hours from 8:00 to 10:00 on Tuesday and Thursday, and 8:00 to 9:00 on Friday. Lectures, Monday and Wednesday, 9:00 to 10:00. Recitation, Friday, 9:00 to 10:00. Professor Roberg. Duration of course, January 12 to March 1.

1. Dissection of the arm and thorax.—A complete dissection of the human arm and thorax is made, with the aid of text books, atlases and manuals. The work is largely independent, but the dissection is supplemented by a study of models, frozen sections and special anatomical preparations. A daily quiz is held from 5:00 to 6:00 by Doctor McCusker. Laboratory hours: 2:00 to 4:00 on Monday, Wednesday and Friday. The dissection must be completed in the semester in which it is undertaken.

2. Dissection of leg and abdomen.—The arrangements for this course are the same as for Course 1. Quizzes by Professor Roberg.

3. Dissection of head and neck.—The arrangements for this course are the same as for Courses 1 and 2. Quizzes by Doctor Jessop.

4. Osteology.—The bones of the human skeleton are undertaken as a systematic study. The bones are modeled in clay by the students and the markings and muscular insertions, etc., are outlined on the modeled bones. Laboratory hours: 2:00 to 4:00 Tuesday and Thursday. Professor Roberg.

5. Cytology, Histology, Splanchnology.—A thorough and complete course embracing the structure of the cell, elementary tissues and the various organs or viscera. Lectures, Monday and Wednesday, 9:00 to 10:00. Recitation, Friday, 9:00 to 10:00. Laboratory hours, 8:00 to 10:00 Tuesday, Thursday and Saturday. Duration of course from September 12 to January 12. Professor Roberg.

6. Advanced microscopic anatomy.—A course more advanced than Course 5, dealing with a more thorough study of the subject, including advanced technique, research along original investigations and conferences dealing with the recent literature. The course is intended for those students suitably trained and endowed. Students who have time for this work are encouraged to take it. Hours to be arranged. Professor Roberg.

Research in anatomy.—These courses are for advanced students. The work embraces original research in gross and microscopic anatomy. Hours to be arranged. Professor Roberg.

HYGIENE

Doctor Calvin S. White will deliver a course on Hygiene during the first and second years. The subject will be treated from a practical standpoint. Preventive medicine and sanitary science will receive the attention they so well deserve.

EMBRYOLOGY

Embryology will be treated in the lectures of Professors J. D. MacLaren, Tucker and Story, the first giving an extended course with laboratory demonstrations.

MICROSCOPY AND HISTOLOGY

Professor Roberg will deliver a practical course on the use of the microscope and histology and will demonstrate the technique of this work during the first year. The new laboratories are fully equipped and afford excellent opportunities for thorough laboratory work by the students, who will make their own mountings, under proper supervision, for permanent preservation.

PATHOLOGY

This course includes the study of microscopical examinations of pus, blood, urine, tumors and other tissue structures, etc., and post-mortem work and medical zoology.

Pathology is taught by *Professor in the Sophomore and Junior years. In the Sophomore year, two hours each week for ten weeks are devoted to laboratory work. During the first and greater portion of the second semester, the Sophomores attend two didactic lectures each week, until the subject of general pathology has been covered.

Doctors Marcellus, Creadick and Smith will demonstrate technique in the laboratory.

The Junior class attends two didactic lectures each week throughout the entire year. General pathology is reviewed, the remaining time being given to special pathology. During the Junior year two hours each week are devoted to laboratory work, which includes examination of microscopical sections, gross pathological specimens and post-mortems.

Everything is done to make the course as practical as possible and to give the students a thorough working knowledge of the subject.

OBSTETRICS

This subject will be taught during second, third and fourth years. Professors Josephi and Story will illustrate the lectures upon this branch by manikins, charts, diagrams, specimens, clinical work in the hospital maternity wards and out-patient cases. All the principal obstetric operations will be demonstrated and members of the class will be required to perform operations and instrumental applications on the manikin before the class. Fourth year students will receive instruction by clinical methods and labor cases in hospital and out-patient service will be entrusted to individual members of the Senior class under proper direction, thus insuring an eminently practical knowledge of this important branch. Doctors Ellis, McCusker and Start will hold clinics in hospital and out-patient cases.

BACTERIOLOGY

**Doctor Ralph C. Matson will deliver practical lectures with laboratory work on Bacteriology to third year students.

The Bacteriological laboratory is supplied with all the necessary apparatus and material for a very full course.

Each student will receive instruction in Bacteriological technique, including best methods of examining sputum, staining, etc., culture media and their preparation, and different bacteria

*To be supplied with salaried man.

**During Dr. Matson's temporary absence in Europe this work will be conducted by Doctor Geo. A. Cathey.

will be cultivated and studied, such as those of Typhoid, Diphtheria, Cholera, Tubercle, etc. Doctor Ralph Matson will also give demonstrations in Clinical Microscopy. Doctor G. A. Cathey will assist in demonstrating the subject.

DERMATOLOGY AND SYPHILIS

Doctor J. C. E. King will deliver lectures on Dermatology and Syphilis during the third year. The exhibition of illustrative cases and clinics at Multnomah County Hospital will form a prominent feature. Doctor Whiteside will conduct a clinic in the out-patient department and cases will also be shown at County Hospital.

GYNECOLOGY

This branch will be taught during third and fourth years by Professor Tucker, by lectures and case-taking experiences. Practical instruction will be given in manual and instrumental examinations and operations for the diagnosis and treatment of diseases peculiar to women. Clinics will be held at Free Dispensary and hospitals. Doctor Wight will assist Professor Tucker in the presentation of this subject.

SURGERY

Surgery in all its various branches will be taught during the third and fourth years, as per outline, by means of systematic lectures and operations in the presence of the class. In addition there will be demonstrations of all the details of bandaging, dressings, and the application of the various forms of apparatus used in the treatment of diseases, accidents and deformities, including fractures and dislocations. Members of the graduating class will have opportunities to assist in operations and for practice in minor surgery, bandaging, etc. All the usual surgical operations will be demonstrated on the cadaver in the college amphitheatre in a special course by Doctor G. N. Pease. Students will operate on the cadaver in this course.

Professor Geo. F. Wilson will give his attention chiefly to fractures and bone lesions. Doctor Baird will call attention to Principles and Practice of Surgery; Doctor Akin to Orthopedic Surgery and Professor Tucker to Abdominal Surgery in his course on Gynecology.

A special practical course will be given in explanation and demonstration of the X-ray in the diagnosis and treatment of disease by Doctor Ralph Walker.

Clinics in Surgery will also be given by Professor K. A. J. Mackenzie, Professor George F. Wilson, Doctor Ziegler, and

the County Hospital and Free Dispensary staff. Professor Mackenzie will deliver a clinical course upon Operative Surgery and Professor Wilson will give special attention to clinics on dislocations, fractures and fracture apparatus. Dr. Ziegler will give special attention to minor surgery and the details of dressings, bandages, etc.

THEORY AND PRACTICE OF MEDICINE

During the third and fourth years, as per outline, Professor Bell will bring into prominence, in this branch, the essentials of theoretical and practical medicine, dwelling more particularly upon those subjects which will be likely to prove of most substantial use to the young practitioner, while not neglecting theoretical essentials. Teaching in this branch will be illustrated by clinics at the hospitals and Free Dispensary. Professor Labbe will deliver lectures upon Diseases of Children, Professor Josephi upon Insanity and Diseases of the Nervous System Doctor White upon Hygiene and Doctor J. O. C. Wiley upon Physical Diagnosis. Professor Bell and Doctor J. A. Gilbert and the County Hospital staff will hold medical clinics at St. Vincent's and County Hospitals. Dispensary clinics will be conducted daily at the Free Dispensary, Fourth and Burnside streets, by the dispensary staff. Doctor Koehler will give a special course on diseases of stomach and intestines with practical demonstration of methods of examination.

Other special clinics will be held as announced from time to time during the progress of the course.

GENITO-URINARY DISEASES

Professor Mackay will, in addition to clinics on Genito-Urinary Surgery at the Good Samaritan Hospital, give instructions in Genito-Urinary Diseases and Syphilis, illustrated by preparation, models, drawings and lantern. The different types of urethroscopes and cystoscopes will be shown and explained and the commendable modern instruments will be used in the clinics as opportunities are presented. Clinics also at Dispensary and County Hospital by Doctor Whiteside.

PHYSICAL DIAGNOSIS

Doctor J. O. C. Wiley will give special instruction on this important subject, giving prominence to topographical examinations, exemplary sounds, etc., using clinical material for demonstrations. Clinics at hospitals.

DISEASES OF THE NERVOUS SYSTEM

Lectures on Nervous Diseases including Insanity will be delivered by Professor Josephi during third and fourth years. In this

course special Nervous Diseases not included in the lectures of others will be dwelt upon. Clinics at hospitals and out-patient department.

OPHTHALMOLOGY, OTOTOLOGY, RHINOLOGY AND LARYNGOLOGY

Professor Nunn will deliver lectures upon these subjects to third and fourth year students and will give special attention to methods of diagnosis and treatment of diseases of the parts involved. Practical clinical training in these branches and in the use of the ophthalmoscope, specula, laryngoscope and instruments for local applications, will be given. Clinics in Good Samaritan Hospital by Doctor Nunn; at County Hospital by Doctor Ralph Fenton and at Free Dispensary by Doctor Kieble.

PEDIATRICS

Professor E. J. Labbe will bring before the students during fourth year a full consideration of the disorders incident to infancy and childhood. The subjects of infant feeding and prophylaxis will receive proper attention. Clinics at Free Dispensary, Professor Labbe and Doctor Bilderback.

MEDICAL JURISPRUDENCE

Doctor Wm. House will deliver lectures embracing the more essential points of this interesting branch of medicine during the third and fourth years.

MICROSCOPES

All laboratory students will be required to furnish themselves with microscopes. To those not possessing instruments the college will rent one microscope to each student at a rental charge for the session of \$5.00, payable in advance. Each student to whom an instrument is rented will be held responsible for its return in good order.

LIBRARY

A medical library, known as "The R. B. Wilson Library," has been established at the college building. The nucleus for this is a gift of the medical libraries of the late Doctor R. B. Wilson and Doctor Rodney Glisan. This has been added to and will be further enlarged from time to time. Students will be allowed the use of books (not to be removed from the building) under such rules as the college may prescribe.

Note.—All students are **privileged** to attend all **didactic** lectures, but only such as are laid down in the schedule are compulsory.

The following is an outline of the work:

FRESHMAN YEAR

Anatomy, with dissections,
 General Chemistry, with laboratory work,
 Materia Medica and Pharmacy, with laboratory work,
 Physiology, with laboratory work,
 Microscopy and Histology, with laboratory work,
 Hygiene and Public Health,
 Embryology, with laboratory work,
 Dietetics,
 Examinations at the end of the year in Osteology and Syn-
 desmology, Histology, Embryology, Freshman Chemistry, Materia
 Medica and Physiology.

SOPHOMORE YEAR

Anatomy, with dissections; finished,
 General Pathology, with laboratory work,
 Physiology, with laboratory work; finished,
 Embryology,
 Chemistry, with laboratory work; finished,
 Materia Medica, Pharmacology and Therapeutics; finished,
 Hygiene and Public Health; finished,
 Obstetrics (Pelvic Anatomy, Embryology and Normal Labor),
 Dietetics,
 Examinations at the end of the year: Anatomy (final); Gen-
 eral Pathology; Physiology (final); Chemistry (final); Materia
 Medica and Therapeutics (final); Hygiene; Dietetics; Obstetrics
 (Pelvic Anatomy, Embryology and Normal Labor).

JUNIOR YEAR

Theory and Practice of Medicine, General Therapeutics,
 Principles and Practice of Surgery and Bandaging,
 Pathology with laboratory work,
 Bacteriology, with laboratory work,
 Pediatrics, Dermatology,
 Gynecology, Genito-Urinary Diseases,
 Physical Diagnosis, Ophthalmology and Otology,
 Obstetrics, Medical Jurisprudence,
 Nervous Diseases, Clinics,
 Examinations in Principles of Medicine; Principles of Surgery;
 Pathology (final); Gynecology; Physical Diagnosis; Obstetrics;
 Dermatology; Diseases of Genito-Urinary Organs; Ophthalmology
 and Otology,
 Bacteriology (final).

SENIOR YEAR

Medical Jurisprudence,
 Theory and Practice of Medicine,
 Principles and Practice of Surgery,
 Military and Operative Surgery,
 Obstetrics, Clinics, Rhinology and Laryngology,
 Genito-Urinary Diseases, Ophthalmology and Otology,
 Clinics all, Gynecology,
 Insanity and Diseases of Nervous System.
 Pediatrics, Examinations: Final in above.

SCHEDULE OF LECTURES, 1911-1912 FRESHMAN YEAR.—FIRST SEMESTER.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8:00-9:00	Chemistry. Prof. Binswanger.	Histology Laboratory Prof. Roberg.	Chemistry. Prof. Binswanger.	Histology Laboratory Prof. Roberg.	Chemistry. Prof. Binswanger.	Histology Laboratory Prof. Roberg.
9:00-10:00	Histology Lecture. Prof. Roberg.		Histology Lecture. Prof. Roberg.		Histology Recitation Prof. Roberg.	
10:00-12:00	Physiology, Prof. MacLaren—First Semester.					Chemistry. Laboratory Dr. Fessler
1:00-2:00		Materia Medica Prof.		Materia Medica Prof.		
2:00-3:00	Dissections	Osteology Prof. Roberg	Dissections	Osteology Prof. Roberg.	Dissections	
3:00-4:00						
4:00-5:00						
5:00-6:00	Anatomy Quiz, Daily except Saturday.					

N. B.—Histology is given daily from October 2 to January 31.

Neurology, from February 1 to March 15.

The right of the faculty to modify the schedule is reserved.

SCHEDULE OF LECTURES, 1911-1912. FRESHMAN YEAR.—SECOND SEMESTER.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8:00-9:00		Neurology Laboratory Prof. Roberg		Neurology Laboratory. Prof. Roberg		Neurology Laboratory Prof. Roberg
9:00-10:00	Neurology Lecture. Prof. Roberg	Neurology Laboratory or Lecture. Prof. Roberg	Neurology Lecture. Prof. Roberg		Neurology Recitation Prof. Roberg	
10:00-12:00	Physiological Chemistry—Prof. MacLaren					Chemistry. Laboratory Dr. Fessler
1:00-2:00	Materia Medica Prof.	Hygiene Dr. White	Dietetics Dr. Taylor	Materia Medica Prof.	Materia Medica Prof.	
2:00-3:00	Dissections	Osteology Prof. Roberg	Dissections	Osteology Prof. Roberg	Dissections	
3:00-4:00						
4:00-5:00	Embryology Prof. MacLaren	Embryology Prof. MacLaren	Embryology Prof. MacLaren	Embryology Prof. MacLaren	Embryology Prof. MacLaren	
5:00-6:00	Anatomy—Quizes Daily except Saturday.					

N. B. Histology is given daily from October 2 to January 31.

Neurology from February 1 to March 15.

The right of the faculty to modify the schedule is reserved.

SCHEDULE OF LECTURES, 1911-1912. SOPHOMORE YEAR.—FIRST SEMESTER.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8:00-9:00	Pharmacy Laboratory Prof.	Dissections	Pharmacy Laboratory Prof.	Dissections	Pharmacy Laboratory Prof.	Dissections
9:00-10:00	Pharmacy Laboratory Prof.		Pharmacy Laboratory. Prof.		Pharmacy Laboratory Prof.	
10:00-12:00	Physiology, Daily from October 2 to January 31.—Prof. MacLaren.					
1:00-2:00	Obstetrics. Prof. Story	Pathology Lecture Prof.	Pathology Lecture Prof.	Obstetrics. Prof. Story	Obstetrics. Prof. Story	
2:00-3:00	Dissections	Dissections	Dissections	Dissections	Dissections	
3:00-4:00						
4:00-5:00				Chemistry. Laboratory Prof. Binswanger.		
5:00-6:00	Anatomy, Quiz.	Anatomy, Quiz.	Anatomy, Quiz.		Anatomy, Quiz.	

The right of the faculty to modify the schedule is reserved.

SCHEDULE OF LECTURES, 1911-1912. SOPHOMORE YEAR.—SECOND SEMESTER.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
8:00-9:00	Chemistry. Prof. Binswanger.	Neurology Laboratory Prof. Roberg	Chemistry. Prof. Binswanger.	Neurology Laboratory Prof. Roberg	Chemistry. Prof. Binswanger.	Neurology Laboratory Prof. Roberg
9:00-10:00	Neurology Lecture Prof. Roberg		Neurology Lecture Prof. Roberg		Neurology Recitation Prof. Roberg	
10:00-12:00	Pathology Laboratory Daily from February 1 to May 15.					
1:00-2:00	Obstetrics. Prof. Josephi.	Hygiene Dr. White	Dietetics Dr. Taylor.	Obstetrics. Prof. Josephi.	Obstetrics. Prof. Josephi.	
2:00-3:00	Dissections	Dissections	Dissections		Dissections	
3:00-4:00						
4:00-5:00				Chemistry. Laboratory Prof. Binswanger.		
5:00-6:00	Anatomy Quiz.	Anatomy Quiz.	Anatomy Quiz.		Anatomy. Quiz.	

The right of the faculty to modify the schedule is reserved.

SCHEDULE OF LECTURES, 1911-1912.—JUNIOR YEAR.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9:00-10:00	Prin. and Practice of Medicine. Prof. Bell.	Clinic Surgery. Prof. Mackenzie.	Prin. and Practice of Medicine. Prof. Bell.	Surgical Clinic Conference. St. Vincent's Hosp. Prof. Mackenzie.	Prin. and Practice of Medicine. Prof. Bell.	Clinic Surgery. Prof. Mackenzie.
10:00-11:00	Clinic or Lecture. Prof. Mackay.	Nervous Diseases. Prof. Josephi.	Prin. and Practice of Surgery. Dr. Baird.	Dermatology. Dr. King. Second Semester.	Prin. and Practice of Surgery. Dr. Baird.	Pathology Laboratory or Autopsies. Prof. Yenney
11:00-12:00	Gynecology. Dr. Wight.	Pathology. Prof. Yenney.	Gynecology. Dr. Wight.	Pathology. Prof. Yenney.	Clinic or Lecture. Prof. Mackay.	Dr. Smith, Creadick and Marcellus.
1:00-2:00	Obstetrics. 1st Semester Prof. Story 2nd Semester Prof. Josephi.	Stomach and Intestines Dr. Koehler 2nd Semester	Medical Clinic, St. Vincents Hosp. Prof. Bell.	Obstetrics. 1st Semester Prof. Story 2nd Semester Prof. Josephi.	Obstetrics. 1st Semester Prof. Story 2nd Semester Prof. Josephi.	
2:00-3:00	Physical Diagnosis. Dr. J. O. C. Wiley	Operative Surgery 1st & 3d Tuesdays. Prof. Mackenzie or Dr. Pease Medical Clinic. 2d & 4th Tuesdays. Dr. Gilbert.	Operative Surgery. Dr. Pease	Surgical Clinic Good Samaritan Hospital Prof. G. F. Wilson	Ophthalmology and Otolary. Prof. Nunn.	Clinics at Multnomah County Hospital, 1-2 Dr. King 3
3:00-4:00	Bacteriology with		Clinical Physiology Prof. MacLaren	4 P. M. Med. Jurisprudence Dr. House Second Semester.	Bacteriology with	
4:00-5:00	Laboratory Work Dr. Ralph Matson				Laboratory Work Dr. Ralph Matson or	
5:00-6:00	Dr Geo. Cathey				Dr. Geo. Cathey	

Clinics at Free Dispensary every week day, 1 to 2 to be attended by sections as announced.
N.B.—Additional clinics, not to interfere with regular lecture hours, as may be announced from time to time.
The right of the faculty to modify the schedule is reserved.

SCHEDULE OF LECTURES, 1911-1912.—SENIOR YEAR.

HOURS.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.
9:00-10:00	Prin. and Practice of Medicine Prof. Bell.	Operative Surgery Prof. Mackenzie.	Prin. and Practice of Medicine Prof. Bell.	Surgical Clinic Conference.	Prin. and Practice of Medicine. Prof. Bell.	Operative Surgery. Prof. Mackenzie.
10:00-11:00	Clinic or Lecture. Prof. Mackay.	Nervous Diseases. Prof. Josephi.	1st Semester Dr. Baird Prin. and Practice of Surgery.	St. Vincent's Hosp. Prof. Mackenzie.	1st Semester Dr. Baird Prin. and Practice of Surgery. 2d Semester Orthopedic Surgery Dr. Akin.	
11:00-12:00	Lecture or Clinic, Electro-Therapeutics. Dr. Walker.	1st Semester Clinic Gynecology Prof. Tucker 2d Semester Abdominal Surgery	Pediatrics. Prof. Labbe	Surgical Clinic, St. Vincent's Hosp. Dr. Ziegler	Clinic or Lecture. Prof. Mackay.	
1:00-2:00	Medical Clinic, St. Vincents Hosp. Dr. Gilbert.	Stom'ch-Intestines Dr. Koehler 2d Semester.	Medical Clinic, St. Vincents Hosp. Prof. Bell.	Surgical Clinic Good Samaritan Hospital	Medical Clinic, St. Vincents Hosp. Dr. Gilbert.	
2:00-3:00	Physical Diagnosis. Dr. J. O. C. Wiley	Operative Surgery 1st & 3d Tuesdays. Prof. Mackenzie or Dr. Pease, Medical Clinic. 2d & 4th Tuesdays. Dr. Gilbert.	Operative Surgery Dr. Pease	Prof. G. F. Wilson	Ophthalmology Otolaryngology, etc. Prof. Nunn.	Clinics at Multnomah County Hospital; 12-1 Dr. Baird 1-2—Dr. Whiteside 2-3—
3:00-4:00			Clinical Physiology Prof. MacLaren.		4:00 to 5:00 Dr. House	
4:00-5:00	4:30 to 5:30 County Hospital Clinics.			4 P. M. Med. Jurisprudence Dr. House Second Semester.	County Hospital Clinics. 5:00 to 6:00 Prof. Yenney	
5:00-6:00	Dr. Ralph Fenton	Clinic, Eye, Ear, Nose and Throat. Prof. Nunn.				

Clinics at Free Dispensary every week day, 1-2 to be attended by sections as announced.
Obstetrical clinics for Seniors will be announced in alphabetical rotation for G. S. Hospital, County Hospital and out-service.
N. B.—Additional clinics, not to interfere with regular lecture hours, as may be announced from time to time.

The right of the faculty to modify the schedule is reserved.

TEXT BOOKS.

The following list of books is given as a guide to the student (latest editions preferred):

FOR STUDY		FOR REFERENCE
Anatomy	{ Gray. Cunningham's Dissector.	Werner Spalteholz (Hand Atlas of Human Anatomy).
Physiology	{ Howell. Withaus. Hill.	American Text Book
Chemistry	{ Purdy Pract. Urinalysis, etc.	Bartley, Sadtler and Trimble.
Materia Medica.....	{ White & Wilcox. Wharton &	Butler, Shoemaker, Sollman. International Text Book.
Surgery.....	{ Curtis. Bickham's Text Book of Operative Surgery, Binney. Forcheimer on Treatment	Senn's Principles of Surgery, Da Costa.
Theory and Practice..	{ Anders. Tyson, Osler, Edwards	
Diagnosis	{ Cabot.	Da Costa.
Obstetrics	{ Hirst or Williams.	
Diseases of Children..	{ Fischer Ruhrah.	Holt, Koplik, Cotton.
Gynæcology	{ Dudley.	Montgomery, Hirst, Ashton, Penrose.
Ophthalmology.....	{ Swanzy.	Noyes, Buck, Fuchs.
Otology Laryngology..	{ Bishop's Dis. of Ear, Nose and Throat	
Histology and Neurology.	{ Ferguson (Histology and Microscopical Anatomy),	Bohm, David, Huber, Bailey, Piersol, Whitaker (Anatomy of the Brain and Spinal Cord).
Pathology.. ..	{ Stengel.	Mallory & Wright.
Dermatology	{ Stelwagon.	Kaposi, Crocker, Hyde & Montgomery.
Toxicology	{ Taylor.	
Orthopædic Surgery...	{ Sayre.	
Nervous diseases and Insanity	{ Church & Peter- son.	Gowers, Dana, Krafft-Ebing.
Genito-Urinary Diseases	{ Keyes, Lydston.	White & Marten, Taylor.
Medical Jurisprudence	{ F. W. Draper.	A. N. Taylor, Wharton and Stille.
Hygiene	{ Bergey.	
Bacteriology	{ Muir & Ritchie.	Abbott, Levy & Klemperer, McFarland.
Electro-Therapeutics...	{ A. D. Rockwell	Medical and Surgical Electricity.
Dietetics	{ Friedenwald & Ruhrah Diet in Health.	
Embryology.....	{ Balfour, McMurck, Minot.	

Medical Dictionary.

Reference to page 18 will indicate books needed in the respective years.
 Cost of books varies according to subjects, binding, etc. As the inquiry is often made it may be stated here that the average cost is for Freshmen, \$35.00
 Sophomores having the Freshmen books, \$13.00 Juniors, \$35.00
 Seniors having the Junior books, \$12.00

HOSPITAL APPOINTMENTS.

The college recommends for eight appointments each year of house surgeons, five to the Good Samaritan Hospital, three to St. Vincent's Hospital, both in Portland. Information regarding these appointments will be furnished by the Dean on application. Each appointment is for one year, during which time board and lodging will be furnished free at the hospital. An excellent opportunity is thus afforded to the graduate to round out the college course by acquiring in the wards of a well equipped hospital, without any expense, practical knowledge by clinical experience and actual practice.

PRIZES.

SAYLOR MEDAL

The Saylor Gold Medal founded by the late Professor Saylor and now maintained by the Faculty, will be awarded to the graduate who shall have obtained the highest total of credits for the four years' work (whether taken in regular sequence or not).



MEDICAL DEPARTMENT OF THE UNIVERSITY OF OREGON

Provided: Credits in medical subjects shall have been obtained in some department or departments of the University of Oregon, and the student's mark in his first examination in any subject or part of a subject (whether or not he passes the subject at that examination) shall be the mark considered in making up his total in competition for the medal.

THE ANATOMY MEDAL

The Anatomy Gold Medal will be awarded to the undergraduate who obtains the highest total mark in Anatomy in final examination in that branch. This mark is the total of Osteology, Histology and Anatomy, including dissections. Provided such mark is obtained in the University of Oregon under conditions similar to those governing the Saylor Medal. The medal will be presented to the winner only at the time of graduation from this college.

MEDALISTS 1910-1911

SAYLOR MEDAL—Thompson Coberth, M. D.

ANATOMY MEDAL—Edward Allen Noyes, Jr.

REQUIREMENTS FOR ADMISSION.

To enter this school applicant must present credentials as stated in one of the subdivisions following:

1. (a) A bachelor's degree from an approved college or university, including at least one year's work in Physics, Chemistry, Biology, and a modern foreign language;
- Or else (b) A diploma from an accredited high school, normal school or academy requiring for admission evidence of the completion of an 8-year course in primary and intermediate grades, and for graduation not less than four years of study embracing not less than two years (4 points) of foreign language, of which one must be Latin, two years (4 points) of mathematics, two years (4 points) of English, one year (2 points) of history, two years (4 points) of laboratory science, and six years (12 points) of further credit in language, literature, history or science; and in addition to such diploma a certificate from a university or college that applicant has satisfactorily passed examination covering one year's work of nine months (as taught in a university) in the subjects of Physics, Chemistry, Biology, and a modern foreign language (preferably German);
- Or else (c) The equivalent of (b), consisting of a certificate from a recognized examiner (a recognized examiner being one approved by or acceptable to the President of the University of Oregon or State or City Superintendent of Public Instruction) or from any state board of medical examiners duly authorized by law, that applicant has satisfactorily passed examinations in subjects sufficient to cover 30 points of high school or academic work (one such point in any subject demands not less than what is covered in five periods per week of forty-five minutes each for eighteen weeks) together with the certificate named in division (b) above from a university or college for one year of work in the subjects stated.

Of the 30 points referred to above in division (c) 20 points must be as follows: Mathematics (4 points); English (4 points); History (4 points); Language, (2 must be Latin), 4 points; Science (taken from physics, chemistry, botany, zoology), 4 points.

(See outline of Portland High School course, page 27.)

The other 10 points may be supplied from the following in addition to what is set forth for the compulsory 20 points, to make the required number: English, 2 points; History, 4 points; Language, 6 points; Manual Training, 2 points; Mechanical Drawing, 1 point; Natural Science (botany, biology, zoology), 2 points; Physical Science (chemistry, physics), 2 points; Trigonometry, 1 point; Astronomy (1), Civics (1), Geology (1), Physical Geography (1), Physiology and Hygiene (1), Political Economy (1).

In no case will entrance examinations be conducted by any person connected with the faculty of the medical school.

A student may be allowed to enter on his medical work conditioned in not more than six points, to be elected from high school or university work; but these conditions must be removed by satisfactory examination before he is allowed to enter on the second year of his medical course. Credentials for university work must be certificates from the proper authority of a university or college recognized by the University of Oregon.

2—The official credentials presented by students from other medical colleges having at least the standard of requirements of this college, may be honored, excepting for the fourth year of their course, but no student will be admitted to advanced standing without a direct communication from the college from which such student desires to withdraw, certifying to the applicant's professional and moral qualifications, and to the exact work he has done in said college.

3—Candidates for the degree of Doctor of Medicine shall have attended four courses of study in four calendar years, each annual course to have been of not less than thirty teaching weeks' duration, and at least ten months shall intervene between the beginning of any course and the beginning of the preceding course.

4—Credit may be given to the holder of a Bachelor's Degree from an approved college or university for any work in the medical branches which he has successfully completed in his college course, only so far as it is the full equivalent of corresponding work in the medical curriculum. The holder of such

Bachelor's Degree may also be given time credits of not exceeding one year, provided that such student has had at least 40 hours in physics, 144 hours in chemistry, 24 hours in osteology, 292 hours in human or comparative anatomy, 124 hours in histology, 85 hours in embryology, 145 hours in physiology, and 46 hours in materia medica; provided, that the applicant for such time credits satisfies the professors of the chairs mentioned in the medical school as to his proficiency in these first-year medical studies, and satisfies the examiner, as provided for in 2, (supra), that his studies for which the degree was conferred include the above requirements. Such student may be allowed to complete a course for the medical degree in not less than 31 months, provided he completes the remainder of the medical curriculum in that time.

As a sample of the work to be done as an equivalent of a four years' high school classical course for which credit for 30 points may be given, the following is submitted from the modified curricula of the Portland High School:

HIGH SCHOOL LATIN COURSE.

TERMS	1	2	3	4
Mathematics	Algebra.....	Algebra.....	Algebra.....	Plane Geometry
Science.....	Physiography or Zoology.....	Physiography or Zoology.....	Botany.....	Botany.....
History.....	Oriental & Greek	Roman.....	Mediaeval.....	Modern.....
	Literature Composition Rhetoric and Grammar.....	Literature Composition Rhetoric and Grammar.....	Literature Composition Rhetoric and Grammar.....	Literature Composition Rhetoric and Grammar.....
English.....	Latin Lessons....	Latin Lessons ..	Caesar.....	Caesar.....
TERMS	5	6	7	8
Mathematics	Plane Geometry	Solid Geometry	Trigonometry....	Higher Algebra
Science.....	Physics.....	Physics.....	Chemistry.....	Chemistry.....
History.....	English.....	English.....	American.....	American.....
	Literature Composition Rhetoric and Grammar.....	Literature Composition Rhetoric and Grammar.....	Literature Composition Rhetoric and Grammar.....	Literature Composition and Rhetoric.....
English.....	Cicero.....	Cicero.....	Virgil.....	Virgil and Ovid
Latin.....				

Minimum in Latin—First, Second, Third and Fourth Terms.

Of the remaining four subjects, maximum work must be taken in two, and not less than minimum in the others to make 30 points, or work terms.

Pamphlet of particulars of text books and extent of subject matter will be furnished on application to Dean's office.

Before admission, every student is required to furnish a satisfactory certificate of good moral character, signed by two reputable physicians and to obtain the Dean's receipt for the payment of the matriculation fee. It will therefore be necessary for the applicant to present himself at the office of the Dean, present his certificate of moral character, register his name as a student in the Medical Department, pay his matriculation fee, and arrange for payment of his regular fees at the time of matriculation. New students will be assigned seats in the order of date of matriculation. Applications and credentials for entrance may be submitted to the Dean for approval at any time and the student's name listed; but matriculation will not take place until the date of the opening of the matriculation book, September 18th.

REGULATIONS REGARDING EXAMINATIONS.

A percentage of 75 is required for passing from grade to grade in all subjects.

The estimate of the standing of each student is based both upon the general character of his work and upon the results of his examination. Students failing to attend 80 per cent of all exer-

cises in any subject are considered to have failed in that subject, and will not be credited for examination therein.

Students who have failed in not to exceed two subjects are permitted to continue the work of their class when they shall have passed re-examination in those subjects at the beginning of the next college year. Failing to pass this re-examination in at least one of such subjects will necessitate repetition of the whole year's work. Students who have failed in three subjects are not admitted to re-examination, but are required to take the whole year's work again, including those subjects in which they may have passed.

Conditions will be permitted only from preceding year in regular sequence.

No student will be admitted to the Senior year with a full major or more than one minor condition. In all re-examinations no percentage grades over 75 are given; the student either passes or fails.

Students who for three successive years fail to secure advanced standing will not be permitted to continue their studies in the college.

Fourth year students are required to pass in all subjects before receiving the degree of Doctor of Medicine.

For a final passing mark students must attain an average of 75 per cent., and not fall below 70 per cent. in any one chair in the work of the entire course.

Seniors who fail in one or two subjects will be admitted to re-examination in those subjects at the beginning of the following regular term. If they pass, they will receive the degree at the next succeeding commencement.

Examinations will be conducted by numbers and not by names of students, so that the identity of the student shall not be known to the examiner.

REQUIREMENTS FOR GRADUATION.

The candidate for the degree of Doctor of Medicine must be of good moral character and twenty-one years of age. He must have studied medicine for four years, including attendance upon lectures, and attended in a regular medical college authorized to confer the degree of M. D., four full courses of lectures, of at least thirty teaching weeks' each, no two of which shall have been delivered within twelve months, the last of which must have been in this college; and must exhibit his tickets or other adequate evidence of attendance to the Dean of the Faculty. He must present to the Dean satisfactory evidence of having dissected the entire cadaver. He must have attended at least two courses of Dissections and Clinical Instruction. He must present to the Dean satisfactory evidence of time of study, laboratory work and moral character. He must have passed successfully the examinations prescribed by the Faculty and have paid all fees due the College.

The degree will not be conferred upon any candidate who absents himself from the public commencement exercises without special permission of the Faculty.

The diploma given to graduates is that of the University of the State of Oregon, duly signed by the President and Secretary of the Board of Regents and the President of the University, as well as by the Medical Faculty.

Women will be admitted to matriculation, instruction and graduation on the same terms as men.

COLLEGE EXPENSES.

ALL FEES ARE PAYABLE IN ADVANCE. In a **LIMITED** number of cases some accommodation may be given, but such will be granted in order of application, and **must be arranged for at time of matriculation.** Otherwise all fees, except examination fees, must be paid in advance. Fees are not returnable unless, in the judgment of the faculty, circumstances justify.

In addition to the general fee named below all students who do laboratory work will be required to deposit as follows: Chemistry, \$3.00; Physiology, \$3.00; Pathology, \$5.00; Bacteriology, \$5.00; Histology, \$7.00. Of these there will be retained for Chemistry \$2.00, Physiology \$2.00, Pathology \$3.00, Bacteriology \$3.00, Histology \$5.00. Balance will be returned less any charges for laboratory breakage. In the course on operative surgery on the cadaver there will be a fee of \$2.50 to cover cost of material. Dissecting material, \$3.00 per part. At the request of the Student Body, each matriculate is asked to pay through the Dean at the time of matriculation \$1.00 for dues to that organization.

GENERAL FEES.

To those who enter at beginning of first year:

First year: Matriculation.....	\$ 5 00
Fee for course.....	130 00
One-quarter examination fee.....	7 50
Second year: Fee for course.....	130 00
One-quarter examination fee.....	7 50
Third-year: Free for course.....	100 00
One-quarter examination fee.....	7 50
Fourth year: Fee for course.....	50 00
One-quarter examination fee.....	7 50

To those who enter beginning of second year (not having taken a course in this college):

Second year: Matriculation.....	5 00
Fee for course.....	130 00
One-third examination fee.....	10 00
Third year: Fee for course.....	130 00
One-third examination fee.....	10 00
Fourth year: Fee for course.....	75 00
One-third examination fee.....	10 00

To those who enter beginning of third year (not having taken a course in this college):

Third year: Matriculation.....	5 00
Fee for course.....	130 00
One-half examination fee.....	15 00
Fourth year: Fee for course.....	100 00
One-half examination fee.....	15 00

To those who enter beginning of fourth year (not having taken a course in this college):

Fourth year: Matriculation.....	5 00
Fee for course.....	120 00
Examination fee.....	30 00

\$50 per session will be charged students who continue in attendance after having failed to obtain the degree at the end of their normal final year.

One full scholarship and two half-scholarships are open to graduates of the University of Oregon with the degree of A. B. or B. S., of not more than two years standing. Those holding scholarships will be expected, when so assigned, to do duty as librarians. Particulars will be furnished upon application to Professor Josephi, Portland.

BOARDING.

Good board with rooms and all the usual accommodations, can be obtained in the vicinity of the college at reasonable rates.

DIRECTIONS TO THE STUDENT.

Students will matriculate at the office of the Dean, Professor S. E. Josephi, Dekum Building, Third and Washington streets, Portland, Ore.

For further particulars address

S. E. JOSEPHI, M. D., Room 610 Dekum Bldg.,
Third and Washington Sts., Portland, Oregon.

CATALOGUE OF STUDENTS

FOR

SESSION 1910-11.

Adams, Frederick, B. S.	Roseburg, Or.
*Allen, M. Ada	Portland, Ore.
Anderson, Edgar Harris	Portland, Or.
Anderson, Elmer E.	Portland, Ore.
*Bales, Wm. Ernest, B. S.	Bakersfield, Cal.
Barendrick, Wm. Harrison	Portland, Or.
Barrett, Ira Ellis	Hillsboro, Or.
Benbow, Thomas Alexander	Victoria, Australia.
Bisaillon, James Marr	Portland, Or.
Borland, Walter Allen	Tacoma, Wash.
Bouvy, Harry Matthew	Ottawa, Kan.
Brookbank, Earl B.	Terre Haute, Ind.
Brooke, Lloyd Wesley	Portland, Or.
Brous, Cecil Ellis	Portland, Or.
Butler, Willis Dole	Monmouth, Or.
Cahill, Roscoe Wm.	Portland, Ore.
Canfield, Henry Augustus, Jr.	Seattle, Wash.
Cathey, Collins Flint	Corvallis, Or.
*Clarke, Bird Browne	Portland, Ore.
Coberth, L. Thompson	Portland, Or.
Cohoon, Brock Edwin	Iowa.
Gardiner, Bessie May	Portland, Ore.
Gillis, James Burton	Walla Walla, Wash.
Glenn, Mary Margaret	Oak Grove, Or.
Hampton, Claude	Canby, Ore.
Hauser, Charles Dorsey	Milwaukie, Ore.
Howson, Carl Robert	Toronto, Ont.
Hughes, John	Portland, Or.
Jacob, Mary Leona	Portland, Or.
Jonez, Hinton Denny	Seattle, Wash.
Larsen, Carl Frederick	Portland, Ore.
Leep, Roland Vivian	Myrtle Point, Or.
Leonard, Hubert Francis	Illinois.
*Liscum, Christopher	Portland, Or.
Loeding, Charles Franklin	Milwaukie, Or.
Man, Albon Platt	New York, N. Y.
*Marrotte, Samuel Antoine	Portland, Ore.
McCown, Arthur Clifford	Prosser, Wash.
Miller, Dwight Franstone	Portland, Or.
Moffat, Clinton Chas., Ph. G.	Prosser, Wash.
Moore, Harry Beaumont	Portland, Or.
Moore, Harvard Clayton, A. B.	Portland, Or.
Mount, Albert	Silverton, Or.
Murphy, George Everett	Olympia, Wash.
Neuberger, Julius Frederick	Portland, Or.
Nichols, Fred Graham	Seattle, Wash.
Noyes, Edward Allen, Jr.	Portland, Or.
Noyes, Allen Pendleton	Portland, Or.
Partlow, Kenneth Lawrence	Olympia, Wash.
Purcell, Michael Edward	Coeur d'Alene, Ida.

*Partial only.

Reith, John.....	Walla Walla, Wash.
Rinehart, Harvey Earle, B. S.....	The Dalles, Or.
Riggs, Geo. Elmer.....	Vancouver, Wash.
Roach, Luman Samuel.....	Butte, Mont.
Roberts, Nathaniel Embrey.....	Springfield, Or.
Roberts, Lafayette Oren.....	Portland, Or.
Ross, Clarence Wesley, A. B.....	Lebanon, Or.
Runnalls, Thos. Harris B.....	Puyallup, Wash.
Schwarts, Harry.....	Portland, Or.
Shannon, Harry McKay F.....	Ireland.
Sharkey, Ralph Louis.....	Portland, Or.
Shoot, Harry Everett.....	Kalama, Wash.
Spencer, Walter James.....	Tacoma, Wash.
Stafrin, Christian Emil.....	Dalles, Or.
Stout, Wm. Taylor, B. S.....	McMinnville, Or.
Thiel, Henry Frederick.....	Seattle, Wash.
Thompson, A. W. Z.....	North Yakima, Wash.
Van Cleave, Archie Clifford, B. S.....	Baker City, Or.
Wang, Stanley Leon.....	Canby, Or.
Wellman, Graham Ormond.....	New York.
West, Melville Abbott.....	Rosalie, Wash.
Younie, Arthur E.....	Sand Point, Idaho
Ziegelman, Edward Frank.....	Eureka, Cal.

GRADUATES

FOR

SESSION 1910-1911

ADAMS, FREDERICK
 ANDERSON, EDGAR HARRIS
 BARENDRICK, WM. HARRISON
 BISAILLON, JAMES MARR
 BORLAND, WALTER A
 CANFIELD, HENRY AUGUSTUS
 CATHEY, COLLINS FLINT
 COBERTH, THOMPSON
 GILLIS, JAMES BURTON
 LEEP, ROLAND VIVIAN
 MOUNT, ALBERT
 PURCELL, MICHAEL EDWARD
 RIGGS, GEO. ELMER
 REITH, JOHN
 SHOOT, HARRY EVERETT
 STAFRIN, CHRISTIAN EMIL

UNIVERSITY OF ILLINOIS

PRESIDENT'S OFFICE

